SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary **Instructions** b) Hand writing should be legible MODEL QUESTION PAPER- 1 SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. State and Explain Law of conservation of momentum 2. Define 1) Power and 2) Work 3. State Bernoulli's Theorem and mention its applications 4. What are cohesive and adhesive forces? Give Examples 5. Mention the types of thermometer. II. Short Answers. $10 \times 3 = 30$ 6. Define Derived unit Give Examples 7. State Pascal's low 8. Define Capillary action Give Example 9. Explain Isothermal process with Example 10. Mention the methods to reduce friction 11. Define angle of contact with Example 12. Explain Conduction of heat 13. What are Centrifugal forces 14. Define Convection with Example 15. State Gas laws SECTION- B **O P CODE: 4102** I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. State Beer and Lamberts law 2. Write the principle and applications of Ultrasonography 3. Derive the Expression for Resistance in Parallel Connection 4. Mention the Properties and uses of X-Rays 5. Explain action of N-P-N transistor II. Short Answers. $10 \times 3 = 30$ 6. What is mirror? Mention its types 7. Define Total internal reflection write the Example 8. Write the properties of sound 9. State ohm's law 10. Current definition 11. Define Radioactivity 12. What are conductors and Insulators

14. Photocell - uses

15. Explain NMR

13. Define periodic motion with Example

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SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary Instructions b) Hand writing should be legible **MODEL QUESTION PAPER-2** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define Centrifugal and centripetal forces 2. State Archimedes Priniple and mention Examples 3. Define Angle of contact with Example 4. State and Explain Newton's law of gravitation 5. Define thermal Conductivity. Mention its applications II. Short Answers. $10 \times 3 = 30$ 6. Define 1) Pressure and 2) Energy 7. Define Elasticity 8. State Bernoulli's theorem 9. What are medical gases? Give Example 10. Explain Isothermal process with Example 11. What is Turbulent flow? Give Example 12. Write the principle of thermometer 13. Define Circular motion. Give Example 14. State Gas law's 15. Define Diffusion and mention an Example O P CODE: 4102 SECTION- B I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. State laws of Refraction 2. Define wave and mention its Classification 3. State and Explain Coulomb's law 4. Mention radioactive safety measures 5. Distinguish between Conductors and Insulations. II. Short Answers. $10 \times 3 = 30$ 6. Define Lens and mention its uses 7. Write the Properties of light 8. State ohm's law 9. Write the Condition for total internal reflection of light 10. Mention the uses of thermistor 11. What are P-type semi conductors? Give Example 12. Define radioactivity

13. Mention the principle of Ultrasonography

14. Voltmeter

15. Write the uses of X-rays

SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary **Instructions** b) Hand writing should be legible **MODEL QUESTION PAPER-3** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Cohesive and adhesive 2. State Bernoulli's theorem and mention its applications 3. Define Angle of contact with Example 4. Mention the types of thermometer 5. Define 1) Work and 2) Power II. Short Answers. $10 \times 3 = 30$ 6. Mention the system of units 7. Define uniform Circular motion with an Example 8. State Pascal law 9. Define Osmosis with an Example 10. Explain conduction of Heat 11. Define Streamline flow with an Example 12. Mention the applications of thermal Conductivity 13. Explain adiabatic process with Example 14. State Newton's law of gravitation 15. Mention the methods to reduce friction SECTION- B O P CODE: 4102 I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. State Beer and Lambert's law 2. Define a) Optical fibre and b) Critical angle 3. What are longitudinal and Transverse waves 4. Derive the Expression for Resistance in series combination 5. Distinguish between P-type and N-type semiconductors II. Short Answers. $10 \times 3 = 30$ 6. State law of Refraction 7. Explain Dispersion of light 8. Define 1) Period and 2) Amplitude 9. State and Explain Ohm's law 10. Mention the uses of thermistors 11. Write the properties of light 12. Define 1) Current and 2) Capacitor

13. Mention the applications of Ultrasonography

14. Write the types of Photocells and uses

15. Define Radio activity

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER- 4

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. State and Explain law of conservation of momentum
- 2. Define 1) Streamline flow and 2) Turbulent flow
- 3. State Pascal law. Mention its applications
- 4. Define angle of contact with Example
- 5. Define thermal conductivity. Mention its applications

II. Short Answers. 10 X 3 = 30

- 6. Mention the uses of Dimensions
- 7. Define friction
- 8. State Newton's law of gravitation
- 9. Define cohesive force with Example
- 10. Explain Adiabatic process with Example
- 11. Write the principle of thermometer
- 12. What are centrifugal and centripetal forces
- 13. State Gas laws
- 14. What are medical gases give Example
- 15. Define Diffusion and mention an Example

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define Total internal reflection and write the condition for Total internal reflection
- 2. What are longitudinal and transverse waves? Give Example
- 3. State and Explain Coulombs law
- 4. Mention the properties and uses of X-rays
- 5. Distinguish between P-type and N-type semiconductors

II. Short Answers. 10 X 3 = 30

- 6. State law of Refraction
- 7. Explain Dispersion of light
- 8. State Ohm's law
- 9. Mention the uses of thermistors
- 10. Define periodic motion with Example
- 11. Explain NMR
- 12. What are photo cells? Mention its uses
- 13. Write the Characteristic of simple hormanic motion
- 14. Define 1) Red image and 2) Virtual image
- 15. Write the properties of Beta rays.

TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary **Instructions** b) Hand writing should be legible **MODEL QUESTION PAPER-5** SECTION- A **O P CODE: 4101** I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define Dimensions and mention the uses of Dimensions 2. State Bernoullis theorem and mention its applications 3. What are cohesive and adhesive forces? Give Examples 4. Define viscosity. Mention Examples 5. Explain modes of heat transfer II. Short Answers. $10 \times 3 = 30$ 6. Define modulus of Elasticity 7. State Pascal law 8. Law of conservation of momentum 9. Define circular motion. Give Example 10. State law of floatation 11. Write the principle of thermometer 12. Explain Adiabatic process with Example 13. State Gas laws 14. Define osmosis and mention an Example 15. Capacitors SECTION- B O P CODE: 4102 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. State Beer and Lambert's law 2. Define wave and mention its classification 3. State Ohm's law. Mention its limitations 4. Explain Radioactivity 5. Explain action of P-N-P transistor II. Short Answers. $10 \times 3 = 30$ 6. Define lens and mention its uses 7. Explain Interference of light 8. State Coulomb's law 9. Mention the application of Spectrophotometer 10. Define periodic motion. Give an Example 11. State law of reflection 12. Mention the principle of Ultrasonography 13. Explain Reverse bias of P-N junction

14. Write the properties of sounds

15. Define 1) Critical angle and 2) Optical fibre

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER- 6

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. State and explain Newton's law of gravitation
- 2. State Archimedes principle and mention Examples
- 3. Define angle of contact with Example
- 4. What are cohesive and adhesive forces? Give Example
- 5. Mention the types of thermometer

II. Short Answers. $10 \times 3 = 30$

- 6. Define Derived unit. Give Example
- 7. Mention the methods to reduce friction
- 8. What is Turbulent flow? Give Example
- 9. State Pascal law
- 10. Explain isothermal process with Example
- 11. Mention the applications of thermal conductivity
- 12. Explain Elasticity
- 13. Define Osmosis with an Example
- 14. Law of conservation of momentum
- 15. Define 1) Heat and 2) Temperature

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define optical fibre. Mention its uses
- 2. Define the Expression for resistance in parallel combination
- 3. Mention radioactive safety measures
- 4. Draw the ray diagram of image formation in case of compound microscope
- 5. Distinguish between P-type and N-type Semiconductors

II. Short Answers. 10 X 3 = 30

- 6. Write the properties of light
- 7. Define 1) Capacitor and 2) Current
- 8. Explain NMR
- 9. Types of lens
- 10. Mention the limitations of ohm's law
- 11. Define Radioactivity
- 12. Mention the applications of Ultrasonography
- 13. Define Interference of light
- 14. Write the properties of cathode rays
- 15. Mention the applications of Colorimeter

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SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary Instructions b) Hand writing should be legible **MODEL QUESTION PAPER-7** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define friction. Write the methods to reduce friction 2. State Archimedes principle and mention an Example 3. Explain modes of heat transfer 4. Define surface tension with Examples 5. Mention the types of thermometer II. Short Answers. $10 \times 3 = 30$ 6. Write the Dimensions of 1) Force and 2) Energy 7. Define Elasticity 8. Define Convection and mention an Example 9. What are medical gases? 10. Explain Adiabatic process with Example 11. State Newton's law of Gravitation 12. Mention the applications of thermal conductivity 13. Define capillary action. 14. What is stream line flow? Give Example 15. State Gas laws. SECTION- B O P CODE: 4102 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define optical fibre. Mention its uses 2. Write the principle and application of Ultrasonography 3. Mention the radioactive safety measures 4. What are P-type and N-type semiconductors? Give Example 5. Define the Expression for capacitance of capacitor in series connection II. Short Answers. $10 \times 3 = 30$ 6. Define 1) Frequency and 2) Amplitude

- 7. State Ohm's law
- 8. Types and uses of Photocells
- 9. Define Radioactivity
- 10. Mention the uses of Thermistors
- 11. Write the Characteristics of simple harmonic motion
- 12. Explain Reverse bias of PN junction
- 13. State law of Reflection
- 14. Write the properties of light
- 15. N.M.R

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-8

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. State and Explain Law of Conservation of Momentum
- 2. Define thermal conductivity. Mention its applications
- 3. What are cohesive and adhesive forces? Give Example
- 4. State Pascal Law. Mention its applications?
- 5. Define i) Uniform Velocity and ii) Acceleration

II. Short Answers. $10 \times 3 = 30$

- 6. Mention the uses of Dimensions
- 7. State Newton's Law of Gravitation
- 8. Explain Isothermal Process with Example
- 9. Define i) Stress and ii) Strain
- 10. Mention the methods to reduce friction
- 11. Define uniform circular motion with an example
- 12. Write the Principle of Thermometer
- 13. State Bernoulli's theorem
- 14. Define Centripetal force. Give an example
- 15. Medical gases.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. What are longitudinal and transverse wave? Give an example
- 2. Derive the Expression for resistance of resistors in series combination
- 3. Explain action of P N P transistor
- 4. State and explain Coulomb's Law
- 5. Write the uses of Catlode rays

II. Short Answers. 10 X 3 = 30

- 6. Write the properties of sound
- 7. State law of rejection
- 8. Oscillation
- 9. Define periodic motion and mention an example
- 10. Write the condition for Total internal Reflection
- 11. Define lens and mention its uses
- 12. Write the properties of X-rays
- 13. What are P-type and N-type Semiconductors?
- 14. Mention the application of Spectrophoto meter
- 15. Define i) Electric field and ii) Electric Potential

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-9

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Work, Power and Energy.
- 2. Differentiate between speed and acceleration.
- 3. State Pascal's law and Write its few applications.
- 4. Describe the Concept of Capillary Action with Example
- 5. Expansion of Gases.

II. Short Answers. 10 X 3 = 30

- 6. Explain Magnetic flux. Write its Expression.
- 7. Define Capacitor. Mention the types of Capacitor.
- 8. Define Terms Stress and Strain
- 9. State Law of Conservation of Momentum
- 10. What is a Streamline flow
- 11. Give few examples of floatation.
- 12. Define angle of Contact with an example
- 13. Describe Isothermal Process with example.
- 14. Define Viscosity and give an example.
- 15. Write a Short Note on clinical Thermometer.

SECTION- B Q P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. State and Explain Laws of Reflection.
- 2. Define Fiber Optics & its applications.
- 3. Define Longitudinal Waves. Give an example.
- 4. Explain Resistors Connected in Series and Parallel with a neat diagram.
- 5. Write Properties of α , β and \sqrt{r} rays.

II. Short Answers. $10 \times 3 = 30$

- 6. Define Critical Angle and Refractive Index.
- 7. Types of lens
- 8. What is Periodic motion? Give an example.
- 9. Write few applications of Sound
- 10. Describe Capacitor. Mention any two types of Capacitors.
- 11. Uses of thermisters
- 12. Radioactive Safety measures.
- 13. Name the Constituents of an atom.
- 14. Explain Semiconductors and give example.
- 15. Define Frequency, Write an expression for it.

TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary **Instructions** b) Hand writing should be legible **MODEL QUESTION PAPER- 10** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. Work, Power and Energy. 2. Explain Uniform Circular motion. 3. State and Explain Archimedes Principle with Example. 4. Explain Central Pipeline System of Medical gases. 5. Write the principle of Thermometer. Mention its uses. II. Short Answers. $10 \times 3 = 30$ 6. Explain Electric Charge 7. Luminous flux and Write its SI unit. 8. Define Friction. Give an Example. 9. Explain Acceleration due to Gravity 10. Define Diffusion and Osmosis. 11. State Pascal's Law. 12. Explain Viscosity. Give Example. 13. Velocity. 14. Conduction of Heat. 15. Isothermal Process. **SECTION- B O P CODE: 4102** I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. State and Explain Laws of Refraction. 2. Define Simple harmonic motion and write its Properties. 3. Explain Thermistor and its applications. 4. NMR and CT Scan 5. Explain Radioactivity. II. Short Answers. $10 \times 3 = 30$ 6. Properties of Light. 7. Convex mirrors. 8. Differentiate between Real and Virtual image 9. Mention the applications of X-rays 10. Mention Radioactive Safety measures. 11. Define Semiconductor. Give Example. 12. Define eclectric intensity and electric field 13. Name the Constituents of an atom 14. Define frequency. Write its formula. 15. Define Amplitude and Oscillation.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-11

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Define Temperature. Explain Different Scale of Temperature.
- 2. Speed and Velocity
- 3. Bernoulli's Theorem.
- 4. Explain Angle of Contact and its Characteristics.
- 5. Explain and State Charle's Law.

II. Short Answers. 10 X 3 = 30

- 6. Define Work, Write its SI Unit
- 7. Define Magnetic Flux and Write its Expression.
- 8. Mention Applications of Dimension.
- 9. Explain Streamline Flow
- 10. Explain Floatation and give Example
- 11. Define Surface Energy and Surface Tension.
- 12. Describe Adhesive force and give Example.
- 13. Mention Applications of Thermometer
- 14. Define Heat. Give an Example.
- 15. Mention few medical gases.

SECTION- B Q P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Lens and Write its Applications.
- 2. Distinguish between Colorimeter and Spectrophotometer.
- 3. Define Simple Harmonic motion and Write its applications.
- 4. Explain Series and Parallel Capacitor with Heat diagram.
- 5. Explain the Structure of Atom.

II. Short Answers. 10 X 3 = 30

- 6. Define Electric Current and Potential differences.
- 7. Distinguish between Real and Virtual Image.
- 8. Define Capacitor. Mention any two types of capacitor.
- 9. State Coulomb's Law
- 10. Explain Transverse Wave and give Example.
- 11. Define Electric Current. Write two applications.
- 12. Ammeter uses.
- 13. Radioactive safety measures.
- 14. Define Conductors and give examples.
- 15. Photo Cell uses.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER- 12

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Explain SI Units.
- 2. Newton's Law of gravitation.
- 3. Explain Streamline flow and Turbulent flow.
- 4. Explain Central Pipeline System of medical Gases.
- 5. Write the Principle of Thermometer and mention its Applications.

II. Short Answers. $10 \times 3 = 30$

- 6. Archimedes principle.
- 7. Define Capacitor. Mention types of Capacitor.
- 8. Explain Friction and give Example.
- 9. Explain Modules of Elasticity.
- 10. Bernoulli's Theorem applications.
- 11. Diffusion and Osmosis Definition.
- 12. Viscosity and Give Example.
- 13. Define Surface Energy.
- 14. Write Three Differences between Heat and Temperature.
- 15. Explain Isothermal Process.

SECTION- B Q P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. State and Explain Laws of reflection.
- 2. Explain Simple Harmonic Motion. Write its Characteristics.
- 3. Explain Series and Parallel Capacitors with Neat Diagram.
- 4. What is Semiconductor? Explain PNP and NPN Semiconductors.
- 5. Explain Total Internal reflection.

II. Short Answers. 10 X 3 = 30

- 6. State Beer and Lambert's Law
- 7. Mention the Properties of Light.
- 8. Explain Transverse Wave and give Examples.
- 9. State Coulomb's Law.
- 10. Define Electric Current. Write two applications.
- 11. Mention the Applications of Thermistors.
- 12. Name the Constituents of an atom.
- 13. Mention Applications of X-rays.
- 14. Differentiate between Conductors and Insulators.
- 15. Mention Three Radioactive Safety Measures.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-13

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Uniform circular motion.
- 2. Law of Conservation of momentum
- 3. Explain Fluid Thrust and Pressure.
- 4. Medical Gases.
- 5. What is Thermal Conductivity? Mention few Applications.

II. Short Answers. 10 X 3 = 30

- 6. Force.
- 7. Mention Applications of Dimensions.
- 8. Explain Centrifugal force with an Example.
- 9. Define Uniform Velocity. Write its SI Unit.
- 10. State Bernoulli's Theorem.
- 11. Explain Streamline Flow.
- 12. Define cohesive force and give Example.
- 13. Define Angle of Contact and give Example.
- 14. Explain Adiabatic Process and give Example.
- 15. Mention Applications of Thermometer.

SECTION- B Q P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the Characteristics of Image Formation on a Concave lens.
- 2. Fiber optics and its applications.
- 3. Explain the Working of Ultrasonography.
- 4. Explain Resistors Connected in series and Parallel with a neat diagram.
- 5. Explain Structure of Atom.

II. Short Answers. 10 X 3 = 30

- 6. Explain Refraction Through lens
- 7. Mention few Properties of light.
- 8. Differentiate between Real and Virtual Image.
- 9. Write the applications of Sound.
- 10. Explain Longitudinal Wave and give Example.
- 11. State Coulomb's Law.
- 12. Define electric intensity and electric field.
- 13. Explain Periodic motion and give Example.
- 14. Define Photocell and write two applications.
- 15. Mention three Radioactive Safety measures.

TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary **Instructions** b) Hand writing should be legible MODEL QUESTION PAPER- 14 SECTION- A **O P CODE: 4101** I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define (A) Displacement (B) Velocity. 2. State the Newton's Law of Gravitation. Give Example. 3. Explain Floatation. Give Example. 4. Write Short note on medical Gases. 5. State and Explain Boyle's Law. II. Short Answers. $10 \times 3 = 30$ 6. Expand Terms ST, CGS, MKS 7. Define Capacitor. Mention types of Capacitors. 8. Differentiate between Work and Energy. 9. Define Elasticity. 10. Define Kinetic Energy and give Example. 11. What is Atmospheric Pressure? 12. Define Osmosis and Convection. 13. Explain Viscosity with an Example. 14. Mention Applications of Clinical Thermometer. 15. Describe Isothermal Process and give Example. **SECTION-B O P CODE: 4102** I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define Waves and explain any one classification. 2. Explain P.N Junction diode with neat diagram. 3. Explain Radioactivity. 4. Differentiate heat and temperature. 5. Explain Clinical Thermometer and its applications. II. Short Answers. $10 \times 3 = 30$ 6. Explain Dispersion 7. State Ohm's Law. 8. Define Photocell and mention two Applications. 9. Mention properties of light. 10. Define Frequency and Amplitude. 11. Explain Convex Mirrors. 12. Mention Applications of Thermistors. 13. Mention the Radioactive Safety measures.

14. Mention three applications of Colorimeter. 15. What is Periodic Motion? Give an Example.

TIME: 3Hrs
Instructions
a) Write neat diagrams wherever necessary
b) Hand writing should be legible

MODEL QUESTION PAPER- 15

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain derived units with an example.
- 2. Explain clinical thermometer and mention its applications.
- 3. State and explain Newton's law of Gravitation.
- 4. Explain Fluid thrust and Pressure.
- 5. What is thermal Conductivity? Write its applications.

II. Short Answers. 10 X 3 = 30

- 6. Expand the terms SI, CGS and MKS.
- 7. Define Acceleration. Write its Expression and SI Unit.
- 8. Explain Centrifugal Force and give examples.
- 9. Define Kinetic Energy and Give Example.
- 10. Define Osmosis and Convection.
- 11. What is atmospheric pressure?
- 12. Explain Capillarity.
- 13. Explain adhesive force and give Example.
- 14. State gas laws.
- 15. Describe adiabatic process.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Waves and its classification.
- 2. Explain PN junction diode with neat diagram.
- 3. Differentiate between Ammeter and Voltmeter.
- 4. Explain Total Internal Reflection.
- 5. Explain the Structure of an Atom.

II. Short Answers. 10 X 3 = 30

- 6. Optical fibre.
- 7. State Beer and Lambert's law.
- 8. Explain Interference of Light.
- 9. Write the Characteristics of simple harmonic motion.
- 10. Draw a wave and represent amplitude and period in it.
- 11. Describe Ammeter.
- 12. Mention applications of Thermistors.
- 13. Write the Properties of X-rays.
- 14. What is an Insulator? Give Examples.
- 15. Explain Radioactivity.

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SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary Instructions b) Hand writing should be legible **MODEL QUESTION PAPER-16 O P CODE: 4101** SECTION- A I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Explain SI Units. 2. State and explain law of conservation of momentum. 3. State and explain Archimedes Principle. Give Examples. 4. Write a brief note on Medical Gases. 5. Explain Isothermal and adiabatic Process. II. Short Answers. $10 \times 3 = 30$ 6. Define Power and Pressure. 7. Describe derived Unit. Give two Examples. 8. Explain Friction with an Example. 9. Fluid thrust. 10. State Pascal's law. 11. Mention applications of Bernoulli's Theorem. 12. Explain Angle of Contact and give an Example. 13. Elasticity. 14. Explain Clinical Thermometer. 15. Define Temperature. Give its SI Unit. SECTION- B **O P CODE: 4102** I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. State and Explain laws of reflection. 2. Fiber optics. 3. Distinguish between transverse and longitudinal waves. 4. Thermistors and its applications. 5. Explain Forward bias PN Junction with a neat diagram. II. Short Answers. $10 \times 3 = 30$ 6. Explain Interference of light. 7. Photocell – uses. 8. Define lens. Mention types of lens. 9. NMR. 10. State Coulomb's Law. 11. Mention properties of Cathode rays. 12. Explain P type and N type Semiconductor.

13. Write Characteristics of X-rays.

14. Explain Insulators and give Examples.

15. State Beer and Lambert's law.

TIME: 3Hrs MAX MARKS: 100
Instructions a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER- 17

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain SI Units in detail.
- 2. Law of Conservation of momentum.
- 3. Differentiate between streamline flow and Turbulent flow
- 4. Medical gases.
- 5. State and explain Boyle's law.

II. Short Answers. 10 X 3 = 30

- 6. Define Velocity. Give its formula and SI Unit.
 - 7. Define a) Power and b) Pressure.
 - 8. Explain Potential Energy and give Example.
- 9. Define Elasticity.
- 10. Explain Fluid Thrust.
- 11. Stat Bernoulli's Theorem.
- 12. What is Cohesive force? Give Example.
- 13. Define Viscosity and give an example.
- 14. Write three applications of Thermometer.
- 15. Define Heat, write its SI Unit.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain Dispersion.
- 2. Mirror and its types.
- 3. Explain (a) Oscillation (b) Periodic motion.
- 4. Explain Series and Parallel Capacitors with a neat Diagram.
- 5. Define a Photocell and Write its applications.

II. Short Answers. 10 X 3 = 30

- 6. Mention the application of lens.
- 7. State Beer and Lambert's Law.
- 8. Differentiate between Real and Virtual Image.
- 9. Explain Teraservers wave and give Examples.
- 10. Write Characteristics of simple harmonic motion.
- 11. Define Frequency. Write an Expression for it.
- 12. Define Electric current and write two applications.
- 13. Describe about voltmeter.
- 14. What is a Conductor. Give examples.
- 15. Mention Properties of Cathode rays.

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SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary Instructions b) Hand writing should be legible **MODEL QUESTION PAPER-18** O P CODE: 4101 SECTION- A I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Define Energy. Mention different types of energy. 2. Explain Uniform Circular motion and give example. 3. State and explain Archimedes Principle. Give Examples. 4. Describe the Concept of Capillary action with example. 5. Write the Principle of Thermometer. Mention its Uses. II. Short Answers. $10 \times 3 = 30$ 6. Define Velocity. Write its Expression and SI units. 7. Differentiate between work and Energy. 8. Define Magnetic Flux. 9. Define Elasticity. 10. Define Centrifugal force and give example. 11. Define floatation's and give example. 12. Mention applications of Thermometer. 13. Define angle of Contact and give example. 14. Define Cohesive force and give Example. 15. Define Isothermal Process. SECTION- B **O P CODE: 4102** I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. State and Explain Laws of Reflection. 2. Mirrors and its types. 3. Define wave. Explain the types of wave. 4. Explain series and parallel resistors with diagram 5. Write Properties of Alpha, Beta and Gamma Rays. II. Short Answers. $10 \times 3 = 30$ 6. Define Critical Angle and Refractive Index. 7. Differentiate between Real and Virtual Image. 8. Mention the properties of light.

- 9. Mention Periodic Motion and Give Examples.
- 10. Mention Applications of Sound.
- 11. Define Electric Current and Electric Field.
- 12. Mention three Applications of X-rays.
- 13. Define Semiconductor. Give Examples.
- 14. Define a Photocell.
- 15. Mention the Constituents of an Atom.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER- 19

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. State and explain gas laws.
- 2. Explain Newton's Law of gravitation with example.
- 3. What is Dimensions?
- 4. Define CGS and SI system.
- 5. Law of conservation of momentum with examples.

II. Short Answers. 10 X 3 = 30

- 6. Capacitor and its types.
- 7. Define Mechanical energy.
- 8. Thermo-meter& types.
- 9. Different modes of Heat transfer.
- 10. Viscosity.
- 11. What is Surface tension?
- 12. Laws of Reflection.
- 13. Explain spectrophotometer.
- 14. Force.
- 15. Define power & mention its SI unit.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. What is Radio activity? Briefly add note on properties of Alpha, Beta & Gamma radiations.
- 2. What Semi-conductors? And add note on doping.
- 3. Write briefly model of atron.
- 4. Explain Longitudinal and transverse waves.
- 5. Simple micro scope.

II. Short Answers. $10 \times 3 = 30$

- 6. Transistors.
- 7. Reflection.
- 8. Ultra sound.
- 9. Ammeter.
- 10. Ohms law.
- 11. X-rays.
- 12. Current.
- 13. Cathode rays.
- 14. Potential difference.
- 15. Resistors

SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100 Instructions** a) Write neat diagrams wherever necessary b) Hand writing should be legible **MODEL QUESTION PAPER-20** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Mode of heat transfer. 2. Thermometer and its types. 3. Define Newton's law of gravitation. 4. Definitions of dimensions. 5. Define Work, power, energy & it's SI units. II. Short Answers. $10 \times 3 = 30$ 6. Surface tension. 7. Viscosity. 8. Pascal's Law. 9. Mass and weight. 10. Velocity. 11. Kinetic energy. 12. Force. 13. Laws of Reflection. 14. Capillarity. 15. Acceleration. SECTION- B O P CODE: 4102 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. P-Type & N-type semiconductors. 2. What isotopes? Discuss on artificial & natural radio isotopes. 3. Properties of Alpha, beta & gamma radiations. 4. What Capacitors? Discuss types of capacitors. 5. Coulomb's Law. II. Short Answers. $10 \times 3 = 30$ 6. Dispersion. 7. Simple harmonic motion. 8. Ultra sound. 9. Ammeter. 10. PNP & NPN transistors. 11. Forward & reverse bias. 12. Doping.

13. Conductors & insulators.

15. Properties of X-rays.

14. PN junction.

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SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100 Instructions** a) Write neat diagrams wherever necessary b) Hand writing should be legible MODEL QUESTION PAPER- 21 SECTION- A Q P CODE: 4101 I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. What is Thermometer? Add a note on types of thermometer. 2. Centrifugal & centripetal forces. 3. Define CGS & SI system. 4. Work, power, energy & its SI unit. 5. What is electrical resistance? Add a note on Ohm's Law. II. Short Answers. $10 \times 3 = 30$ 6. Viscosity. 7. Laws of Refraction. 8. Force. 9. Mass & weight. 10. Lens. 11. Kinetic energy. 12. Acceleration. 13. Heat transfer. 14. Speed. 15. Fluid thrust & pressure. O P CODE: 4102 SECTION- B I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. Write a neat diagram of atom & explain it's constituents. 2. Laws of reflection. 3. What are conductors and insulators 4. Longitudinal & transverse waves. 5. Capacitors in parallel. II. Short Answers. $10 \times 3 = 30$ 6. Doping. 7. Atomic number & mass number. 8. Diode. 9. Electron binding energy. 10. Transistors. 11. Ultra sound.

12. Resistance. 13. Ohms Law. 14. Current. 15. X-rays.

TIME: 3Hrs **MAX MARKS: 100 Instructions** a) Write neat diagrams wherever necessary b) Hand writing should be legible **MODEL QUESTION PAPER-22** SECTION- A Q P CODE: 4101 I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. Physical quantities and uses of dimensions. 2. Define Law of conservation of momentum. 3. Atmospheric pressure. 4. Discuss various modes of heat transfer. 5. Define work, power and energy. II. Short Answers. $10 \times 3 = 30$ 6. Electrical resistance. 7. Define Velocity. 8. Discuss mechanical energy. 9. Fluid thrust and pressure. 10. What is surface tension? 11. Define reflection & refraction. 12. Viscosity. 13. Pascal's Law. 14. What is capacitor? Mention its uses. 15. Thermometer. SECTION- B O P CODE: 4102 I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. Refractive index. 2. Dispersion. 3. Properties of longitudinal & transvers waves. 4. Electrical resistance. 5. Half-life of Radio activity. II. Short Answers. $10 \times 3 = 30$ 6. Mirage. 7. Volt meter. 8. Principal of capacitor. 9. Doping. 10. Properties of X-Rays. 11. Transistors. 12. Atomic number & Mass number. 13. NMR.

14. Diode.15. Insulators.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-23

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define work, power & energy & add a note on law of conservation of energy.
- 2. Principle of thermo meter & types.
- 3. Centrifugal & centripetal forces.
- 4. Newton's law of Gravitation.
- 5. Define speed, velocity & acceleration.

II. Short Answers. 10 X 3 = 30

- 6. Define SI system.
 - 7. Stress.
 - 8. Lens.
 - 9. Refraction
 - 10. Mechanical energy
 - 11. Mass & weight.
 - 12. Surface tension.
 - 13. Define Ultra sound waves.
 - 14. Dimensions.
 - 15. Gas laws.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. What is semiconductor? And add a note on PN junction.
- 2. Simple harmonic motion.
- 3. Simple microscope
- 4. Properties of sound waves.
- 5. Discuss properties alpha, beta & gamma radiations.

II. Short Answers. 10 X 3 = 30

- 6. Ampere.
- 7. Resistor.
- 8. Conductor & insulators.
- 9. Uses of X-Rays.
- 10. PNP & NPN transistors.
- 11. Atomic & mass number.
- 12. Cathode rays.
- 13. Volt meter.
- 14. Capacitance.
- 15. Force.

TIME: 3Hrs
Instructions a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-24

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Law of conservation of momentum.
- 2. Discuss on expansion of gases.
- 3. Various modes of heat transverse.
- 4. Thermal radiations.
- 5. Define work, power, energy & its SI unit.

II. Short Answers. $10 \times 3 = 30$

- 6. Resistors in series.
- 7. Acceleration.
- 8. What is viscosity?
- 9. What is surface tension?
- 10. Fluid thrust and pressure.
- 11. Mechanical energy.
- 12. Pascal's law.
- 13. Newton's law of Gravitation.
- 14. Various forms energy.
- 15. Laws of reflection.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Longitudinal & transverse waves.
- 2. Dispersion.
- 3. What is radio activity? add a note on half-life.
- 4. Composition of light.
- 5. Semi-conductors.

II. Short Answers. 10 X 3 = 30

- 6. Mirage.
- 7. Principal of capacitor.
- 8. Electron binding energy.
- 9. Nucleus of atom.
- 10. Doping.
- 11. Electro-magnetic radiations.
- 12. X-Ray production.
- 13. Diode.
- 14. Law of conservation of energy.
- 15. Conductor & Insulator.

TIME: 3Hrs **MAX MARKS: 100 Instructions** a) Write neat diagrams wherever necessary b) Hand writing should be legible **MODEL QUESTION PAPER-25** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. State & explain gas laws. 2. Define CGS & SI system. 3. Centrifugal & centripetal forces. 4. Modes of heat transfer. 5. Physical quantities& uses of dimensions. II. Short Answers. $10 \times 3 = 30$ 6. Surface tension. 7. Viscosity. 8. Electrical resistance. 9. Define mechanical energy. 10. Resistors in series. 11. Capacitors & its types. 12. Define ultra sound. 13. Kinetic energy. 14. Laws of reflection. 15. Various forms of energy. SECTION- B O P CODE: 4102 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Semi-conductors. 2. Simple microscope. 3. Discuss Ohms law with limitations. 4. Properties of longitudinal & transverse waves. 5. NPN transistors. II. Short Answers. $10 \times 3 = 30$ 6. Dispersion. 7. Conductors & insulators. 8. Atomic number & mass number. 9. Doping. 10. Properties of X-Rays. 11. Volt meter. 12. Force. 13. Current.

14. Resistance.15. Cathode rays.

TIME: 3Hrs **MAX MARKS: 100 Instructions** a) Write neat diagrams wherever necessary b) Hand writing should be legible **MODEL QUESTION PAPER-26** SECTION- A O P CODE: 4101 I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. What is dimension? 2. Velocity & acceleration. 3. Thermal Radiation. 4. Atmospheric pressure. 5. Work, power, energy and its SI unit. II. Short Answers. $10 \times 3 = 30$ 6. Lens. 7. Mass & weight. 8. Viscosity. 9. Heat transverse. 10. Kinetic energy. 11. Speed. 12. Pascal's law. 13. Electrical resistance. 14. Thermometer. 15. Archimedes principle. O P CODE: 4102 SECTION- B I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. Laws of reflection. 2. Coulombs law. 3. P-type & N-type semiconductors. 4. What is radio activity? Add a note on half-life. 5. Forward & reverse bias. II. Short Answers. $10 \times 3 = 30$ 6. X-rays. 7. Potential difference. 8. Electro-magnetic radiation. 9. Law of conservation energy. 10. Diode. 11. Ohms law. 12. Current. 13. Ultra sound. 14. PN junction.

15. Simple harmonic motion.

TIME: 3Hrs
Instructions
a) Write neat diagrams wherever necessary
b) Hand writing should be legible

MODEL QUESTION PAPER- 27

SECTION- A O P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Law of conservation of momentum with example
- 2. Define work, power, energy & its SI units.
- 3. Newton's law of gravitation.
- 4. Centrifugal & centripetal forces.
- 5. Thermometer & types.

II. Short Answers. 10 X 3 = 30

- 6. What is surface tension?
- 7. Laws of refraction.
- 8. What is capacitor? Discuss types of capacitor.
- 9. Properties of sound waves.
- 10. Various forms of energy.
- 11. Spectrophotometer Application.
- 12. What is viscosity?
- 13. Resistor.
- 14. Mass & weight.
- 15. Define velocity.

SECTION- B Q P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. What is radio activity decay?
- 2. Semiconductors.
- 3. Discuss NPN & PNP transistors.
- 4. Explain longitudinal & transverse waves.
- 5. PN junction diode.

II. Short Answers. 10 X 3 = 30

- 6. Write neat diagram of atom & explain it's constituents.
- 7. Write properties of X-Ray & gamma radiation.
- 8. Simple micro scope.
- 9. Define volt meter &it's function.
- 10. Simple harmonic motion.
- 11. Principal of capacitor.
- 12. Doping.
- 13. Ammeter.
- 14. Nuclear binding energy.
- 15. Ultra sonic waves.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER- 28

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Define work, power & energy.
- 2. Discuss gas laws.
- 3. Define law of conservation momentum.
- 4. What is capacitor? Discuss types of capacitors.
- 5. Discuss various forms of energy.

II. Short Answers. 10 X 3 = 30

- 6. Laws of reflection.
- 7. Newton's law of gravitation.
- 8. What is viscosity?
- 9. What is surface tension?
- 10. Spectrophotometer Application.
- 11. Thermometer &it's types.
- 12. Law of conservation of energy.
- 13. Discuss gas laws.
- 14. Kinetic energy.
- 15. Volt.

SECTION- B Q P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. What is radio activity? Give examples for natural & artificial radio activity.
- 2. What is resistor? Discus resistor in parallel & series.
- 3. What are conductor & insulators? Define semiconductors.
- 4. Longitudinal & transverse waves.
- 5. Forward & reverse bias.

II. Short Answers. 10 X 3 = 30

- 6. Atomic structure.
- 7. Ammeter.
- 8. Properties of X-rays.
- 9. Atomic & mass number.
- 10. Ohms law.
- 11. Doping.
- 12. Ultra sound.
- 13. Mirage.
- 14. Nucleus of atom.
- 15. Critical angle.

PARAMEDICAL BOARD, BENGALURU

SUB: PHYSICS (1ST YEAR DIPLOMA) OF ALL COURSES TIME: 3Hrs **MAX MARKS: 100** a) Write neat diagrams wherever necessary Instructions b) Hand writing should be legible **MODEL QUESTION PAPER-29** SECTION- A Q P CODE: 4101 I Short Notes, Answer Any FOUR Questions. 4 X 5= 20 1. Systems of units. 2. Speed, Velocity and Acceleration. 3. Applications of Bernoulli's Theorem. 4. Cohesive and adhesive force. 5. Difference between heat and temperature. II. Short Answers. $10 \times 3 = 30$ Dimensions and its uses. 7. Thermometer. 8. Stress, Strain and Elasticity. 9. Energy, Kinetic & Pressure. 10. Osmosis 11. Fluid Thrust 12. Heat and Temperature. 13. Boyel's Law. 14. Applications of Viscosity. 15. Surface energy. SECTION- B **OPCODE: 4102** I Short Notes, Answer Any FOUR Questions. $4 \times 5 = 20$ 1. Properties of light. 2. Difference between longitudinal and transverse. 3. Thermistors uses. 4. Photo Cell Types and uses. 5. P-Type Semiconductors. II. Short Answers. $10 \times 3 = 30$ 6. What is mirror? Explain its types. 7. Laws of refraction. 8. Period, Frequency, Amplitude. 9. Origin of sound. 10. Types of lens. 11. Define Charge. State Coulomb's law.

- 12. X-ray uses.
- 13. Radioactive safety measures and symbols.
- 14. Define neutron, proton and electron.
- 15. Total internal reflection.

TIME: 3Hrs MAX MARKS: 100

Instructions

a) Write neat diagrams wherever necessary

b) Hand writing should be legible

MODEL QUESTION PAPER-30

SECTION- A Q P CODE: 4101

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Law of conservation of momentum.
- 2. Archimedes principle.
- 3. Surface tension.
- 4. Principle of thermometer.
- 5. Acceleration, Uniform & Variable Acceleration.

II. Short Answers. 10 X 3 = 30

- 6. Define Units and its types.
- 7. Centripetal force.
- 8. Acceleration due to gravity.
- 9. Osmosis & diffusion.
- 10. Bernoulli's Theorem.
- 11. Angle of contact.
- 12. Viscosity.
- 13. Isothermal & adiabatic process.
- 14. Thermal Radiation.
- 15. Charl's Law.

SECTION- B O P CODE: 4102

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Fiber optics.
- 2. Properties of sound.
- 3. Capacitor in Series.
- 4. Deference between voltmeter and ammeter.
- 5. NMR

II. Short Answers. 10 X 3 = 30

- 6. Beer and Lambert's law.
- 7. Law of reflection.
- 8. Simple harmonic motion.
- 9. Longitudinal Waves.
- 10. Define Capacitor, Electric Intensity, and Resistors.
- 11. Cathode ray properties.
- 12. Forward bias.
- 13. Real and virtual image.
- 14. Photo cells –Types and uses.
- 15. Auto-refractometer.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL OUESTION PAPER- 1

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. What is the action of Conc. Sulphuric acid on a) Zn b) Mg c) Fe d)Cu e) H₂S
- 2. Define buffer solution. Mention different types of buffer solutions with examples.
- 3. Define oxidation and reduction with one example for each.
- 4. Calculate the percentage composition of sodium in sodium hydroxide
- 5. Mention the laws of chemical combinations.

II. Short Answers. 10 X 3 = 30

- 6. What is aquaregia? Mention its uses
- 7. Define a) Acid b) Base and c) Salt. Mention one example for each
- 8. Define pH. Write Henderson equation
- 9. Mention three applications of colloids
- 10. What is caustic soda? Mention 2 uses
- 11. Mention three indicators
- 12. Mention three applications of co-ordination compounds
- 13. What are noble gases? Why are ionisation energies of noble gases are very high?
- 14. Mention one application each of a) cobalt60 b) Iodine131, c) phosphorous32 isotopes
- 15. Calculate the amount of NaOH required to prepare 100ml of 0.1N NaOH solution

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define hydrocarbons. Give their classification with one example for each class.
- 2. Explain the manufacture of ethyl alcohol from molasses
- 3. Give the functional classification of proteins
- 4. Explain the preparation of diethyl ether and mention two uses
- 5. Write the formula of a) Glycine b)alanine c) serine d) aspartic acid e) tyrosine

II. Short Answers. 10 X 3 = 30

- 6. Define a) Enzyme b) co-enzyme c) Apo-enzyme
- 7. Milk sugar
- 8. Name purine and pyrimidine bases present in DNA
- 9. Glycogen
- 10. Global warming
- 11. Give the classification of amines. Mention one example for each
- 12. Mention three uses of benzaldehyde
- 13. Mention three uses of phenol
- 14. Explain the reaction of benzene with the mixture of conc.HNO₃ and conc.H₂SO₄
- 15. Write the structural formula of a) benzyl alcohol b) acetaldehyde c) chloroform

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 2

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the preparation of hydrogen peroxide. Mention its uses
- 2. What are fluorocarbons? Mention their applications
- 3. Define radioactivity. Mention the properties of alpha particles
- 4. Calculate the percentage composition of sulphur in sulphuric acid (atomic weight of H=1, S=32,0=16)
- 5. Explain Tyndall effect and Brownian movement

II. Short Answers. 10 X 3 = 30

- 6. What is washing soda? Mention its uses
- 7. Define a) Normality b) Molarity
- 8. Mention three uses of sulphuric acid
- 9. What are indicators? Name three indicators
- 10. Mention the anomalous properties of water
- 11. Define a) Acidity of a base b) Basicity of an acid
- 12. Mention three applications of co-ordination compounds
- 13. Define pH. Write Henderson's equation.
- 14. Define half life period.
- 15. Define ionization energy

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the manufacture of phenol from coal tar.
- 2. Write the double helical structure of DNA. Mention its biological importance.
- 3. What are hydrocarbons? Give their classification with one example for each class.
- 4. Define enzymes? Give the classification of enzymes with one example for each class.
- 5. Define pollution. Mention the causes of air pollution

II. Short Answers. $10 \times 3 = 30$

- 6. Octet rule
- 7. Mention three uses of chloroform
- 8. Disaccharides
- 9. Mention three uses of formaldehyde
- 10. Classification of amines
- 11. Free radicals
- 12. Salol.
- 13. Mention three uses of acetone
- 14. Explain the reaction of benzene with the mixture of conc.HNO₃ and conc.H₂SO₄
- 15. Write the ring structure of a) glucose b) fructose

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 3

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the preparation of Nitric acid. Mention its uses
- 2. Define isotopes. Mention the applications of a) cobalt-60 b) Iodine-131 c)Phosphorous-32
- 3. What are halogens? Describe the preparation of chlorine
- 4. Calculate the percentage composition of oxygen in sulphuric acid (atomic weight of H=1, S=32,0=16)
- 5. Mention the applications of colloids in medicine and food

II. Short Answers. 10 X 3 = 30

- 6. Define an atom. Name the sub-atomic particles
- 7. Define a) oxidizing and b) reducing agent
- 8. Mention three importance of buffers in medicine
- 9. Give the calculation for preparing 100ml of 0.1N NaOH from 4N NaOH
- 10. Mention the applications of plaster of paris
- 11. Lowry and Bronsted concept of acids and bases
- 12. Define a buffer solution. Mention different types of buffer solutions
- 13. Mention three applications of hydrogen peroxide
- 14. Name three indicators
- 15. Differences between colloids and crystalloids

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define carbohydrates. Give the classification with one example for each class.
- 2. Describe the preparation of acetone. Mention three important properties of acetone.
- 3. Describe the preparation of benzene
- 4. Define pollution. Mention the causes of water pollution
- 5. Describe the preparation of methane. Mention its uses

II. Short Answers. 10 X 3 = 30

- 1. Electrophiles and nucleophiles
- 2. Mention three uses of iodoform
- 3. Free radicals
- 4. Cane sugar
- 5. Write the structure of a) Glycine b) alanine and c) serine
- 6. Mention different types of RNA and their functions
- 7. Mention three uses of ethanol
- 8. Preparation of bleaching powder.
- 9. Law of mass action
- 6. Write the structure of ammonia and water molecule

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 4

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Describe the preparation of Sulphuric acid. Mention its uses
- 2. Define Natural radioactivity. Mention the properties of gamma rays
- 3. Explain Bohr's atomic model
- 4. Application of co-ordination compounds.
- 5. Define a) Normality and b) Molarity

II. Short Answers. 10 X 3 = 30

- 6. Mention three application of X-rays
- 7. Write the formula of a) Magnesium sulphate, b) Ferric chloride c) copper sulphate
- 8. Define buffer solution. Mention different types of buffer solutions.
- 9. Give the calculation for preparing 500ml of 0.1N NaOH from 5N NaOH
- 10. Define a) atomic weight and b) Molecular weight
- 11. Write Henderson's equation. Mention its application
- 12. Define a) Acid b) Base c) Salt
- 13. Mention three applications of caustic soda
- 14. Mention pH values of three biological fluids
- 15. Mention the applications of a) cobalt-60 b) Iodine-131 c)Phosphorous-32

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a labelled diagram of Watson & Crick model for structure of DNA.
- 2. How is Phenol manufactured from coal tar?
- 3. Diethyl ether preparation and its uses.
- 4. Explain the mechanism of chlorination of benzene.
- 5. What are alpha-aminoacids? Write the formula of a) Glycine b) Alanine c) aspartic acid.

II. Short Answers. 10 X 3 = 30

- 6. Purine and Pyrmidine bases
- 7. Write the open chain structure of glucose and fructose
- 8. What are cresols? Mention the types of cresols
- 9. Cane sugar
- 10. How is acetone obtained from isopropyl alcohol
- 11. What happens when benzaldehyde is treated with saturated solution of sodium bisulphite?
- 12. Mention Three uses of Benzoic acid.
- 13. With an example for each, explain the classification of amines.
- 14. Mention the causes of soil pollution.
- 15. Mention the structural relation between aldehydes and ketones.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 5

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define buffer solution. Give the classification with an example for each class.
- 2. Distinguish between electrolytes and non-electrolytes with examples.
- 3. Derive Henderson's equation for an acidic buffer pH.
- 4. Define half life period. Mention the applications of cobalt-60 and iodine-131 isotopes.
- 5. Define a) oxidation and b) reduction. Give one example for each.

II. Short Answers. $10 \times 3 = 30$

- 6. Differences between lyophilic and lyophobic colloids.
- 7. Give any three uses of Helium.
- 8. Mention three uses of caustic soda.
- 9. Define a) atomic weight and b) Molecular weight.
- 10. Write the formula of a) Lead sulphate b) Potassium dichromate c) Zinc chloride
- 11. Mention pH values of any three biological fluids.
- 12. Define a) Acid b) Base c) Salt
- 13. Mention three applications of caustic soda.
- 14. What is the action of conc. Sulphuric acid on a) Zinc and b) Magnesium
- 15. Name two examples of coordinated compounds found in biological systems.

SECTION- B Q P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. How is Phenol manufactured from coal tar?
- 2. Diethyl ether preparation and its uses.
- 3. Methane- preparation and its uses.
- 4. Explain the mechanism of nitration of benzene.
- 5. Starch and Glycogen.

II. Short Answers. $10 \times 3 = 30$

- 6. Functions of proteins as enzymes and antibodies.
- 7. Global warming.
- 8. Types of RNA and their functions.
- 9. Law of mass action.
- 10. Cresols.
- 11. How do you convert primary alcohols to acids?
- 12. What are amines? Give the classification of amines.
- 13. Mention three uses of iodoform.
- 14. Mention three uses of formaldehyde.
- 15. Starch

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 6

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Mention the Laws of chemical combinations
- 2. Define Coordination compounds. Give examples.
- 3. Describe the preparation of Hydrogen peroxide (H_2O_2) . Mention its uses
- 4. Define half life period. Mention the applications of cobalt-60 and iodine-131 isotopes.
- 5. Explain the action of sulphuric acid (H₂SO₄) on a)Zinc and b)Magnesium

II. Short Answers. $10 \times 3 = 30$

- 6. Define matter. Mention the different states of matter.
- 7. Explain [] Thomson model of atom
- 8. Mention three uses of caustic soda.
- 9. Mention the atomic weight of elements a) carbon b) oxygen c) sulphur
- 10. Name the SI units for a) Length b) Mass c) Time
- 11. Mention pH values of any three biological fluids.
- 12. Functional properties of proteins as transport agents
- 13. Mention three uses of Nitric acid(HNO₃)
- 14. Distinguish between electrolytes and non-electrolytes
- 15. Name any three indicators

SECTION- B Q P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define carbohydrates. Give the classification with an example for each class
- 2. Give the classification of hydrocarbons with examples.
- 3. What are the major causes of water pollution? explain
- 4. Explain the preparation of ethyl alcohol from molasses
- 5. Mention the biological importance of nucleic acids

II. Short Answers. $10 \times 3 = 30$

- 6. Acid rain effect on ozone layer
- 7. Distinguish between sigma and a pi bond
- 8. Mention three uses of acetic acid.
- 9. Define bond length
- 10. Write the structure of a) Benzene and b) Toluene
- 11. Mention three uses of chloroform
- 12. What are amines? Give the classification of amines.
- 13. Explain halogenation property of methane
- 14. Mention three uses of diethyl ether
- 15. Mention three uses phenol

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 7

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Define matter. Mention the states and physical properties of matter
- 2. Define Coordination compounds. Give examples.
- 3. Describe the preparation of Hydrogen peroxide (H₂O₂). Mention its uses
- 4. Define isotopes. Mention the applications of cobalt-60 and iodine-131 isotopes.
- 5. Bronsted -Lowry concept of acids and bases

II. Short Answers. 10 X 3 = 30

- 6. Expand IUPAC. Mention the number of groups and periods in the periodic table.
- 7. Calculate the molar mass of a)H₂O b) CO₂ and c)CH₄
- 8. Define buffer solution. Mention the importance of buffer in medicine.
- 9. Mention the atomic weight of elements a) carbon b) oxygen c) sulphur
- 10. Name the SI units for a) Length b) Mass c) Time
- 11. Mention pH values of any three biological fluids.
- 12. Difference between lyophilic and lyophobic colloids
- 13. Molarity and PPM
- 14. Name any three indicators
- 15. Define Modern Periodic Law

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Expand DNA and RNA. Mention the purine and pyrimidine bases in both DNA and RNA.
- 2. Give the classification of hydrocarbons with examples.
- 3. What do you mean by ozone hole? What are its consequences?
- 4. Explain the causes of soil pollution
- 5. Functional properties of proteins

II. Short Answers. 10 X 3 = 30

- 6. Mention three uses of acetone
- 7. Preparation of Benzoic acid from benzaldehyde.
- 8. Milk sugar
- 9. Define Octe rule.
- 10. Write the structure of a) Benzene and b) Toluene
- 11. Explain halogenation property of methane
- 12. What are amines? Give the classification of amines.
- 13. Mention three uses of chloroform
- 14. Mention three uses of diethyl ether
- 15. Define bond length

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 8

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the preparation of Nitric acid (HNO₃). Mention its uses
- 2. Define matter. Mention the states and physical properties of matter
- 3. With examples mention the applications of coordination compounds in biological reactions.
- 4. Define isotopes. Mention the applications of cobalt-60 and iodine-131 isotopes.
- 5. Define buffer solution. Mention different types of buffers

II. Short Answers. $10 \times 3 = 30$

- 6. Mention three applications of X-Rays
- 7. Calculate the molar mass of a)H₂O b) SO₂ and c)CH₄
- 8. Define pH and pOH.
- 9. Define Half life period
- 10. Mention three uses of bleaching powder.
- 11. Mention three uses of hydrogen peroxide
- 12. Tyndal effect
- 13. Sub-atomic particles
- 14. Define Modern Periodic Law
- 15. Name any three indicators

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the manufacture of ethyl alcohol from molasses
- 2. Give the classification of carbohydrates with examples.
- 3. Functions of enzymes in biological reactions
- 4. Explain the strategies to control environmental pollution
- 5. Preparation of Benzene

II. Short Answers. $10 \times 3 = 30$

- 6. List the gases which are responsible for greenhouse effect.
- 7. Covalent bond
- 8. Smog
- 9. Define Octe rule.
- 10. Define bond length
- 11. What are amines? Give the classification of amines.
- 12. Mention three uses of diethyl ether
- 13. Explain halogenation property of methane
- 14. Mention three uses of acetone
- 15. Mention three uses of formaldehyde

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER-9

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the preparation of sols
- 2. Define matter. Mention the states and physical properties of matter
- 3. Describe Bohr's model for hydrogen atom
- 4. Define isotopes. Mention the applications of cobalt-60 and iodine-131 isotopes.
- 5. Define a) Normality and b) Molarity

II. Short Answers. 10 X 3 = 30

- 6. Mention the major differences between metals and non-metals
- 7. Calculate the molarity of NaOH in the solution prepared by dissolving 4g in 250ml water.
- 8. Define SI unit of mass
- 9. Mention the atomic weights of elements a) carbon b) oxygen and c) sodium
- 10. Mention the sub-atomic particles. Give their symbols and mass.
- 11. Mention three uses of hydrogen peroxide
- 12. Name any three indicators
- 13. Tyndal effect
- 14. Oxidizing and reducing agents
- 15. Define pH and pOH

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the manufacture of phenol from coal tar
- 2. Give the classification of hydrocarbons with examples.
- 3. Difference between electrophiles and nucleophiles
- 4. Write the structure of Purine and pyrimidine bases
- 5. Preparation of Ethyl alcohol from molasses.

II. Short Answers. 10 X 3 = 30

- 6. List the major atmospheric pollutants
- 7. Preparation of acetic acid by methanol.
- 8. Acid rain
- 9. Covalent bond.
- 10. Define bond length
- 11. Write the structure of a) Glycine and b) Alanine
- 12. Mention three uses of chloroform
- 13. Anisole
- 14. Define the law of mass action
- 15. Give the classification of organic compounds

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 10

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define matter. Mention the states and physical properties of matter
- 2. Describe the preparation of Nitric acid
- 3. Mention the Laws of chemical combinations
- 4. Define buffer solution. Mention the types of buffer with an example for each
- 5. Define a) Atomic weight and b) Molecular weight

II. Short Answers. 10 X 3 = 30

- 6. Calculate the molarity of NaOH in the solution prepared by dissolving 4g in 250ml water.
- 7. Define SI unit of mass
- 8. What are electrolytes? Give examples
- 9. Brownian movement
- 10. Define equivalent weight of an element
- 11. Define Modern periodic law
- 12. Define a) acid b) base and c) alkali
- 13. Mention three uses of sulphuric acid
- 14. Plaster of Paris
- 15. Calculate the mass percent of different elements present in Na₂SO₄

SECTION- B Q P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the preparation of ethane and mention its uses
- 2. Give the classification of carbohydrates with examples.
- 3. Difference between lyophilic and lyophobic colloids
- 4. Write the structure of Purine and pyrimidine bases
- 5. Global warming

II. Short Answers. $10 \times 3 = 30$

- 6. Give the classification of organic compounds
- 7. Define an enzyme. Name any three enzymes
- 8. Write the structure of a) aspartic acid and b)serine
- 9. Peptide bond
- 10. Mention the causes of water pollution
- 11. Covalent bond.
- 12. Define bond length
- 13. Mention three uses of Salicylic acid.
- 14. Cresols
- 15. Define the law of mass action

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 11

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1) Explain the Manufacture of Nitric acid by eastward's process.
- 2) Explain a) valiancy b) Hydrogen bonding c) Anomalous properties of water
- 3) What are the features affecting the rate of a reaction.
- 4) Write the importance of buffer solution
- 5) Explain a) Tindal effect and b) Brownian movement.

II. Short Answers. 10 X 3 = 30

- 6) Explain the properties of α, β, δ particles
- 7) Mention uses of Sulphuric acid
- 8) Explain a) Normality b) Molarity c) PPM
- 9) Colloids and Crystalloids
- 10) Mention uses of calcium
- 11) Calculate the volume of water to be added to convert 500 cm3 of 0.4 N Na OH into decinormal
- 12) What is co-valent bond? write two characteristic features of co-valent compounds
- 13) Write any three Postulates of Bohr's Atomic Model.
- 14) What are the applications of co-ordination compounds?
- 15) Plaster of Paris.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1) Classify the Proteins on the basis of composition and biological importance
- 2) Write the difference between DNA and RNA
- 3) How to control the water Pollution?
- 4) Mention uses of Toluene.
- 5) Explain the Detection of Carbon and Hydrogen by cuperic oxide Method

II. Short Answers. 10 X 3 = 30

- 6) Write three differences between Induction and Electrometric effect.
- 7) Explain the depletion of Ozone layer in the stratosphere
- 8) What are the applications of Fluorocarbons?
- 9) Explain the Preparation of ether from Williamson's ether synthesis and mention two uses
- 10) Define a) Alkane b) Alkene b) Alkyne
- 11) Mention three uses of ethyl alcohol.
- 12) Write three biological importances of Nucleic Acids
- 13) What is the action of a) Hydroxylamine b)semicarbazide on Aldehyde
- 14) Write ring structure of a) Maltose b) Sucrose c) Lactose
- 15) Anisole.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 12

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. How to prepare colloids by Bridge's electric arc Method
- 2. Define pH Explain the pH of acidic buffer using Henderson's equation.
- 3. a) Define Isotopes b) Mention one application's of the following a)Co⁶⁰ b)P³² c)I¹³¹ d) Na²⁴
- 4. Acid, Base and salts. Give two examples each.
- 5. Write the application of co-ordination compound.

II. Short Answers. 10 X 3 = 30

- 6. What are mixtures? Mention the classification of Mixture.
- 7. Write three characteristic features of Ionic bond
- 8. What are the conditions for reversible reactions?
- 9. Explain Oxidizing and Reducing agent
- 10. Define half life period. Write the relation between half life period and rate constant
- 11. What is the action of following on H2SO₄ a) Cu b) Zn c) Al
- 12. Define a) Ionisation Energy b)electro negativity c) Electron gain enthalpy
- 13. Name the fundamental particles and write their charge and Mass
- 14. What are the uses of Hydrogen peroxide?
- 15. What are the applications of Fluorocarbons?

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the manufacture of ethyl alcohol from molasses
- 2. Write the structure of a)Glycine b)Alanine c) Serine d)Cystein v) Lysine
- 3. Explain the structure of Glucose.
- 4. Explain the major causes of water pollution
- 5. How to prepare Acetone? Mention two uses of Acetone

II. Short Answers. 10 X 3 = 30

- 6 Explain the classification of Amines with examples
- 7 Explain carbohydrate as a source of energy
- 8 Write three biological importance of Nucleic acids
- 9 Define a) Free radical b) carboanion carbocation.
- 10 How to prepare phenol from coal tar?
- 11 Salol
- 12 Name the Purine and Pyrimidine bses present in R N A
- 13 Calculate the Molecular Mass of a)CO₂ b) CH₄ c)C₄H₁₂ O₆
- 14 Mention three uses of Benzene
- 15 Explain sucrose.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER-13

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the Hydrogen Spectrum using Bohr's theory
- 2. How to Prepare sodium carbonate (washing soda)? And mention two uses
- 3. Define indicator ? Give the classification of indicator with example for each
- 4. Write the Applications of X-rays
- 5. Write the differences between crystalloids, colloids and suspensions

II. Short Answers. 10 X 3 = 30

- 6. Define . a) Acid b) Base c) Salts with example
- 7. What is plaster of aris? Explain the composition of Bone
- 8. Define buffer solution and give the classification of buffer solution
- 9. Define valency write the formula of a) Aluminium sulphate b)calcium carbonate
- 10. State a)Rate of a reaction b)Rate law c)Law of mass action
- 11. What is hybridisation? give two examples
- 12. Explain Lowry and Bronsted concept of acidbase with example
- 13. Mention three Electrolytes and non- Electrolytes
- 14. Define a) Atomic weight b) Molecular weight c)equivalent weight of an element
- 15. Define Mendelev and Modern periodic law

SECTION- B Q P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the ring Structure of a) Maltose b) Sucrose
- 2. What are the strategies to control environmental pollution?
- 3. Estimate the carbon and Hydrogen by Liebig's Method
- 4. How to prepare and Isolate Toluene?
- 5. Define carboxylic acid How to prepare benzoic acid? Mention two uses

II. Short Answers. $10 \times 3 = 30$

- 6. What are amines? Give the calcification.
- 7. Mention three uses of Ethane
- 8. Calculate the Percentage of Nitrogen in urea
- 9. How to prepare bleaching powder and mention two uses
- 10. Define Saturated and Unsaturated Hydro carbon with examples for each
- 11. How to prepare Acetaldehyde? and mention two uses
- 12. Define Nucleic acid Mention which purine and Pyrimidine bases present in DNA
- 13. Define a) Enzyme b) Co-enzyme c) Apo-enzyme
- 14. Acid Rain & Greenhouse effect
- 15. Milk Sugar.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 14

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. How to prepare hydrogen peroxide? Mention the uses of H₂O₂
- 2. Mention the uses of Nitric Acid
- 3. Define hybridisation and explain SP1 and SP2 hybridisation
- 4. Write the Le-chatelier's Principles
- 5. Determine the equivalent weight of copper by oxide method

II. Short Answers. 10 X 3 = 30

- 6. Write three physical properties of Sulphuric acid
- 7. Mention three differences of between Lyophilic and lyopobic colloids
- 8. Write the uses of calcium
- 9. Write the three difference between electrolytes and nonelectrolytes
- 10. Explain the term a) Normality b) Molarity c) PPM
- 11. Write the structure of NH₃ and H₂O molecule
- 12. Define a) Atomic Mass b) Molecular Mass with example
- 13. Mention three uses of caustic soda
- 14. 2dm³ of 8NH₂SO₄ is mixed with 3dm³water. What is the normality of the final solution?
- 15. Write 3 applications of co-ordination compounds,

SECTION- B Q P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the depletion of ozone layer in the stratosphere How to control it?
- 2. Write the biological importance of Nucleic acid
- 3. Write the structure of a)Glycine b) Alanine c) Serine d) Cystine e) Lysine
- 4. Explain the Detection of Carbon and Hydrogen by cupric oxide Method
- 5. Explain the Manufacture of Phenol of from Coal tar and mention two uses

II. Short Answers. $10 \times 3 = 30$

- 6. Write the formula of Bleaching powder and mention three uses
- 7. How to prepare Benzaldehyde? Write any two physical properties
- 8. Mention the biological functions of enzymes.
- 9. Mention three differences between DNA and RNA
- 10. How to control the air pollution?
- 11. Explain electrophile and nucleophile
- 12. How to prepare picric acid? write the structure and IUPAC name
- 13. Mention three uses of phenol
- 14. Explain the reaction of benzene with the mixture of a) Cl₂ b) HNO₃ C) H₂
- 15. Write the structure of a) Starch b) Cellulose

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER-15

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. What are the factors influencing the rate of a reaction?
- 2. Define octet rule. Write any two octet structure of elements
- 3. What is the Action of following on H_2SO_4 a) Cu b) $C_{12}H_{22}O_{11}$ c)Zn d)Al e) H_2S
- 4. Explain a) Tyndall effect b)Brownion moment
- 5. Mention different types with one example for each.

II. Short Answers. 10 X 3 = 30

- 6. Write K_P & K_C for hydrogen iodide
- 7. Write three applications of X-rays
- 8. What is plaster of paris? Explain the composition of Bone
- 9. Mention three applications of colloids
- 10. Define a) Normality b) Molarity c) PPM
- 11. Explain the properties of α, β, δ particles
- 12. Name three indicators
- 13. Write three applications of co-ordination componds
- 14. Write three Postulates of Bohr's Model
- 15. What are mixtures? Give the classification of mixture.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define Alkane Explain the chlorination of Methane
- 2. Write the differences between RNA and DNA
- 3. Define carbohydrates and explain classification with example
- 4. Explain the classification of proteins on the basis of composition & biological importance
- 5. Ethyl alcohol manufacture from molasses

II. Short Answers. 10 X 3 = 30

- 6. Define water pollution. How to control it?
- 7. Write the biological functions of enzymes
- 8. Define a) Alkane b) Alkene c) Alkyne
- 9. Write the structure of a) Chloroform b) Benzyl alcohol c) Bleaching Powder
- 10. Mention three uses of formaldehyde
- 11. Explain Aldehyde Hydroxylamine, Amines & its classifications
- 12. How to prepare Toluene? Mention two uses.
- 13. Cresols
- 14. Calculate percentage of Nitrogen in urea
- 15. Define a) Aliphatic b) Aromatic c) Heterocyclic organic compounds

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 16

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Calculate percentage composition of carbon in C₁₂H₂₂O₁₁ & CaCo₃
- 2. Explain the preparation Nitric acid by Ostward's process
- 3. Explain the properties of α , β , δ particles
- 4. Application of colloids
- 5. Define buffer solution Mention the importance of buffer solution

II. Short Answers. 10 X 3 = 30

- 6. Define a)Ionisation energy b) electronegativity c) electron gain enthalpy
- 7. Define a) co-valent b) Ionic c) electrovalent bond.
- 8. Applications of radioactive elements like CO⁶⁰, P³², I¹³¹
- 9. Define Acidity and Bascity with example
- 10. Define a)Acid b) Base c) Salt
- 11. Explain the concept of Periodicity and Modern periodic law
- 12. Explain electrophile and nucleophile with example
- 13. Define a) Sol b) Gel c) Emulsion
- 14. Preparation of Methane
- 15. Define PH and POH for PCl5 molecule

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. How to prepare alcohol from Molasses Method
- 2. Write the functional Properties of Protiens
- 3. Explain the manufacture of anisole, cresol and salol
- 4. How to prepare ether by willamson's ether synthesis and mention uses of ether
- 5. What are the major Causes of water pollution?

II. Short Answers. $10 \times 3 = 30$

- 6. Define a) Enzyme b) Co-enzyme c)Apo-enzyme
- 7. Write Purine and pyrmidin bases RNA
- 8. Write three difference between inductive and electromeric effect
- 9. How to isolate Toluene?
- 10. Mention three uses of Iodofom
- 11. Explain the carbohydrate as as a source of energy
- 12. Mention three uses of Acetylene
- 13. Write the structure of a) chloroform b) Benzyl alcohol c) Carbon tetra chloride
- 14. Uses of phenols
- 15. Write the structure of a) Maltose b) Sucrose c) Lactose

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL OUESTION PAPER- 17

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Mention the applications of co-ordination compounds
- 2. Uses of sulphuric acid
- 3. How to prepare phenol from coal tar?
- 4. Explain the postulate of Bohr's theory
- 5. What are the characteristic features of ionic bond?

II. Short Answers. 10 X 3 = 30

- 6. Explain the term a) Normality b) Molarity c) Molality
- 7. 2 dm3 of 8NH₂SO₄ is mixed with 3 dm3 of water. What is the normality of the final solution
- 8. Define half life period Write the formula of half life period
- 9. Write the formuals of a) Aluminium sulphate b) Copper sulphate c) Calcium carbonate
- 10. Tyndall effect
- 11. Write three difference between electrolytes and non- electrolytes
- 12. Uses of washing soda
- 13. Define oxidation and reduction with example
- 14. Uses of Nitric Acid
- 15. Define acid, base and salt with examples.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Strategies to control environmental pollution
- 2. Mention the uses of ethyl
- 3. Write the ring structure of a)Maltose b) Lactose c) Sucrose
- 4. Saturated & unsaturated hydro Carbons
- 5. Manufacture of anisole, cresol and salol

II. Short Answers. 10 X 3 = 30

- 6. Define a) free radicals b) carbonions c) carbocations
- 7. Calculate the percentage of Nitrogen in urea
- 8. Write three difference between DNA and RNA
- 9. Uses of Aldehydes
- 10. What is smog? How to control it?
- 11. Write the structure of a) chloroform b) carbon tetra chloride c) Benzylalcohol
- 12. Uses of Toluene
- 13. Write the structure of a) Cellulose b) Starch
- 14. Define ether functional explain the basicity on the basis of PH value
- 15. Explain the classification of proteins depending up on the nature of amino acids

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the difference between crystalloid and colloids suspension
- 2. Define Buffer solution and give the classification with example
- 3. Explain the indicator and classification with example of each
- 4. What is the artum of H₂SO₄ on the following a)CU .b) Zn ,Al, c) H₂S,d)Fe
- 5. Define matter. Mention different states of unatter.

II. Short Answers. 10 X 3 = 30

- 6. How to prepare hydrogen peroxide and mention its two uses
- 7. Define a) Atomic weight b) Molecular weight c) Equivalent weight
- 8. Define Mendelev and Modern Periodic law
- 9. Define valency. Write the formula of Ferrous sulphate, calcium carbonate
- 10. Sub-atomic particles
- 11. Write the Kp and Kc for PCl5
- 12. Mention uses of Toluene
- 13. How to control air pollution?
- 14. Define a) Aliphatic b) Aromatic c) Hetrocyclic compounds
- 15. Mention three uses three physical properties of acids

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the Manufacture of alcohol form Molasses Method
- 2. Explain the structure of glucose
- 3. Write the structure of a)Glycine b)Alanine c) Serine d)Cystein e)Lysine
- 4. Mention the Biological importance of Proteins
- 5. What are the strategies to control environmental pollution?

II. Short Answers. 10 X 3 = 30

- 6. Mention three uses of Methane
- 7. How to Prepare Toluene and Mention three uses
- 8. Calculate the percentage of Nitrogen in urea
- 9. Explain electrophile and Nuclophile with example
- 10. How to Prepare bleaching Powder and Mention its uses
- 11. Explain the Bromination and Nitration of Phenols
- 12. Mention uses of Aldehydes
- 13. Define a) enzyme b)co-enzyme c)apo enzyme
- 14. Preparation of Diethyl ether from ethanol. Mention two uses.
- 15. Write the structure of a) ethane b)Chloroform c) Arbontetra choride

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 19

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. a) What is Reversible reaction? Give an example
 - b) Write the Kp and Kc for PCl5
- 2. Give two Merites and three Limitations of Bohr's Model of an atom
- 3. Mention uses of Ethane
- 4. What are the application of co-ordination compounds
- 5. What is Natural radioactivety write the Properties of α,β,δ Particles

II. Short Answers. 10 X 3 = 30

- 6. What is caustic soda? mention two uses
- 7. Define a) Acid b) Base c) salt with examples
- 8. How to Produce X-rays
- 9. what is plaster of Paris? explain the composition of Bone
- 10. Explain a) Dialysis of colloids b) Cottrell's electrical Precepitator
- 11. Define a)valency b) Explain the Anomalous Properties of water
- 12. Mention three uses of Sulphuric acid
- 13. Define atomic and Molecular Masses with example
- 14. Write three characteristic feature of co-valent bond
- 15. Calculate the amount NaoH required to prepare 100 ml of 0.1 NaOH solution

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. How to prepare alcohol from Molasses Method?
- 2. What is the Addition of hydrogen on a) Alkene b) Alkyne c) addition of Iodine in Methane
- 3. Write the Structure of a) Glycine b) alanine c) Serine d) Cystein e) Lysine
- 4. Explain the ring structure of a) Maltose b) Sucrose c) Lactose
- 5. Uses of Toluene

II. Short Answers. 10 X 3 = 30

- 6. Define a) Free radicals Carboanions c) Carbocations
- 7. Define environmental chemistry? Explain tropospheric pollution in 100 words
- 8. Write the Biological importance of Nucleic acids
- 9. How to prepare Acetone? write two uses of Acetone
- 10. Give the classification of amine with example for each
- 11. Mention three uses of Phenols
- 12. Define carbohydrates and give the classification
- 13. Write three chemical Properties of Benzene
- 14. Define a) Aliphatic b) Aromatic and Heterocyclic compounds
- 15. Explain the functional classification of Proteins.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL OUESTION PAPER- 20

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Define Buffer solution and give the classification of Buffer Solution with example for each
- 2. How to prepare colloids by Bridge's electric arc Method? explain Dialysis
- 3. Electrolytes and non Electrolytes
- 4. Explain the Hydrogen spectrum using Bohr's theory
- 5. How to prepare Nitric acid by Ostwald's Process? mention three uses

II. Short Answers. 10 X 3 = 30

- 6. What is the action of a)Cu b)Zn c) H₂S in H₂SO₄
- 7. Define Mendelev and Mordern Periodic law
- 8. Mention uses of calcium
- 9. Explain a) Tyndall effect
- 10. Explain the Oxidising and Reducing agent
- 11. a) What are Isotopes? Mention one application each of Co⁶⁰, Na²⁴
- 12. Mention three applications of Fluorocarbons
- 13. Define a) Sol b) Gel c) Emulsion
- 14. Define Hybridisation. Explain SP2 Hybridisation
- 15. Write three factors influencing rate of reaction

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the Detection of carbon and Hydrogen by cupric oxide Method
- 2. How to prepare and Isolate Benzene?
- 3. Write the characteristics features of Ionic bond
- 4. What are the strategies to control environmental pollution?
- 5. Classify the proteins on the basis of composition and biological importance

II. Short Answers. 10 X 3 = 30

- 6. Explain electrophile and nucleophile with example
- 7. Uses of Toluene
- 8. Write ring structure of a) Maltose b) Sucrose c) Lactose
- 9. How to prepare bleaching powder? Mention two uses
- 10. How to prepare picric acid and write the structure
- 11. Define saturated and unsaturated hydrocarbons with examples
- 12. Write the difference between DNA and RNA
- 13. What is smog? How to control it?
- 14. Uses of aldehydes
- 15. Explain the preparation of ether from willamson's ether synthesis and write two physical properties

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 21

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain manufacture of nitric acid by ostaiald's process.
- 2. Define the terms (i) Atomic weight (ii) molecular weight and (iii) equivalent weight of an element. Give one example for each.
- 3. Mention any four applications of X-rays.
- 4. Write a note on (i) Tyndal effect & (ii) Brownian Movement.
- 5. Bohr's model for hydrogen atom.

II. Short Answers. 10 X 3 = 30

- 6. Mention any three applications of Fluoro Carbons.
- 7. Define the term (i) Intermolecular hydrogen bonding & (ii) Intra Molecular hydrogen bonding. Mention example for each.
- 8. Mention any three uses of hydrogen peroxide.
- 9. Give Hender equation for acidic buffer & basic buffer. Explain the terms.
- 10. Define terms (i) Atomic Radii & (ii) Ionization Energy. How they vary down the group.
- 11. State Octet rule. What is Covalent bond? Give an example.
- 12. Write the Chemical name of washing soda. Mention any two uses of washing soda.
- 13. Define half life period. What is natural radio activity? Give an example.
- 14. Define the terms (i) Acidity (ii) Basicity & (iii) End point.
- 15. Give the chemical composition of plaster of Paris. Mention any two uses.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain preparation of methane.
- 2. Write any two chemical properties of Benzyl alcohol with equation & mention any two uses.
- 3. Give the Classification of Carbohydrates.
- 4. Mention Biological importance of nucleic acids
- 5. Define Hemolytic cleavage & Heterolytic Cleavage of Covalent. Give example for each.

II. Short Answers. 10 X 3 = 30

- 6. Mention any three factors affecting rate of a reaction.
- 7. What are aromatic hydrocarbons? Give any two examples.
- 8. Carbocations & Carbonions
- 9. Explain (i) Esterification & (ii) Decarboxylation of carboxylic acids.
- 10. Give chemical composition of bleaching powder. Mention any two uses.
- 11. Mention any three types of Enzymes.
- 12. Give any three measures to control environmental pollution.
- 13. Explain preparation of formaldehyde.
- 14. Purine & Pyrimidine bases .
- 15. How do you convert toluene to (i) Trinitro toluene (ii) Methyl Cyclohexane.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 22

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain preparation of hydrogen peroxide.
- 2. Write properties of alpha, beta and gamma Particles.
- 3. What are colloids & crystalloid's? Give example for each. Mention any two difference between colloids & crystalloids.
- 4. Give pH values of any five biological fluids.
- 5. Isotopes and their uses.

II. Short Answers. 10 X 3 = 30

- 6. Types of Buffer solutions
- 7. Give the structure of (i) Ammonia (ii) Water.
- 8. Name three fundamental particles of atom.
- 9. Define (i) Electro negativity (ii) Electron gain enthalpy (iii) Ionic radii
- 10. Mention applications of colloid's in food & medicine.
- 11. Define (i) Molarity (ii) Normality.
- 12. What are Co-ordination compounds? Give two example.
- 13. Write SI unit of (i) Area (ii) Volume (iii) Pressure.
- 14. Mention any three uses of sodium hydroxide.
- 15. Mention any three major atmospheric pollutants.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain manufacture of phenol from coal tar.
- 2. Describe structure of DNA
- 3. Write the test to detect (i) Nitrogen (ii) Halogens & (iii) Sulphur in Organic Compounds.
- 4. Any three chemical properties of acetone with equation.
- 5. Water pollution

II. Short Answers. 10 X 3 = 30

- 6. What is pka? Mention its significance.
- 7. Write any three uses of acetylene.
- 8. Carbohydrates as a source of energy.
- 9. What is peptide bond? Write formula of amine acids (i) Cysteine (ii) Aspartic acid.
- 10. Give biological importance of RNA.
- 11. Define (i) Inductive effect (ii) Electromeric effect.
- 12. Mention any three uses of iodoform.
- 13. What is acid rain? Mention any two gases cause acid rain.
- 14. Name components of nucleic acids.
- 15. Name sugar found in (i) Milk (ii) Sugar cane (iii) Malt.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 23

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain Manufacture of sodium hydroxide by Nelson's process.
- 2. Mention applications of X-rays.
- 3. Explain precipitation of smoke by cottrell's electrical precipitation.
- 4. Define a) Acid b) Base c) salt give 2 example each.
- 5. Co-ordination compounds.

II. Short Answers. 10 X 3 = 30

- 6. Subatomic particles.
 - 7. Colloids & Suspensions.
 - 8. Mention importance of buffers in medicine.
 - 9. State (i) Law of Conservation of mass (ii) Avogadro's law.
 - 10. Mention any three uses of sodium carbonate.
 - 11. Define (i) Atomic weight (ii) Molecular weight.
 - 12. What are electrolytes & non-electrolytes? Give one example for each.
 - 13. Mention three major pollutants of water pollution.
 - 14. Give any three postulates of Dalton atomic theory.
 - 15. Name indicators used in titration of (i) HCl & NaOH (ii) KMnO₄ & Oxalic acid (iii) Sodium carbonate & HCl.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain preparation of acetylene.
- 2. Functional properties of (i) Enzymes (ii) Antibodies.
- 3. Explain Watson & Crick model of DNA.
- 4. Explain (i) Kolbe's reaction (ii) Nitration reaction of phenol. Give Chemical equation.
- 5. What are carbohydrates? Give structure of (i) Maltose (ii) Sucrose.

II. Short Answers. 10 X 3 = 30

- 6. Name Purine & Pyrimidine bases.
- 7. Mention function of enzymes (i) Oxido reductases (ii) transferases, (iii) Lyases.
- 8. What is rectified spirit? Give its composition.
- 9. Mention any three uses of chloroform.
- 10. Octate rule
- 11. Give an example for Primary amine, Secondary amine & Tertiary amine.
- 12. Name polysaccharide found in (i) seeds (ii) liver (iii) Plant cell wall.
- 13. Biological importance of DNA.
- 14. Give an example for acidic amino acid, basic amino acid & neutral amino acid.
- 15. Ozone layer

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 24

SECTION- A Q P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain determination of equivalent mass of copper by oxide method.
- 2. Classification of indicators. Example for each.
- 3. Preparation of H_2O_2 .
- 4. Explain manufacture of sodium carbonate by salvage's process.
- 5. What are lyophillic & lyophobic colloids? Give example for each.

II. Short Answers. 10 X 3 = 30

- 6. Mention SI Unit of mass, length & time.
- 7. What are nucleons? Name them.
- 8. Define (i) Oxidizing agent (ii) Reducing agent.
- 9. Mention any three uses of hydrogen peroxide.
- 10. Name the particles emited during natural radio activity.
- 11. What happens when NaOH react with (i) HCl (ii) Zn. Give chemical equation.
- 12. What is dialysis? Explain purification of colloid by dialysis.
- 13. Define Lowry & Bronsted (i) Acid (ii) Base.
- 14. State modern period law. Mention numbers of columns & rows present in it.
- 15. What is smog? Name the chemical constituents that cause smog.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain preparation of benzaldehyde.
- 2. Classification of amino acids.
- 3. Biological importance of nucleic acids.
- 4. Estimation of carbon & hydrogen by liebeg's method.
- 5. What happens when ethyl alcohol reacts with (i) Sodium (ii) $ConcH_2SO_4$ at 170° c give chemical equations.

II. Short Answers. $10 \times 3 = 30$

- 6. Give example for each (i) alkane (ii) alkene (iii) alkyne.
- 7. Any three uses of iodoform.
- 8. What is formalin? Give its chemical composition.
- 9. What are polysacharides? Give any two example.
- 10. Functional properties of biochemical messengers.
- 11. Name base & Sugar Molecule only found in (i) RNA & (ii) DNA.
- 12. Give example for enzymes (i) Hydrolases (ii) Isomerases (iii) Ligases.
- 13. What happens when diethyl ether reacts with (i) PCl₅ (ii) Heating with dil H₂SO₄. Give chemical equations.
- 14. What is Molasses? Name the enzymes involved during manufacture of ethyl alcohol from molasses.
- 15. Bond length

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain production of X-rays.
- 2. Applications of colloids in food & medicine.
- 3. Mention any four harmful effects of acid rain.
- 4. What are indicators? Mention different kind of indicators
- 5. State & Explain Law of definite proportions (ii) Law of multiple proportion.

II. Short Answers. 10 X 3 = 30

- 6. Atomic weight & molecular weight.
- 7. Define (i) PPM (ii) Molality.
- 8. What happens when hydrogen peroxide reacts with (i) H₂S
 - (ii) Ag₂O. Give Chemical equations.
- 9. Write any three application's of Fluorocarbons.
- 10. What are colloid's & Crystalloid's? Give example for each.
- 11. Anomalous properties of water.
- 12. Any three effects of depletion of ozone layer.
- 13. Mention hybridization, bond angle & number of sigma bonds in methane molecule.
- 14. Brownian movement.
- 15. Give example for (i) Oxidizing agent (ii) Reducing agent.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain detection of carbon & hydrogen.
- 2. Explain preparation of acetaldehyde.
- 3. Define (i) Reducing sugar (ii) Non-reducing Sugar. Give example for each & write name of Milk sugar & Cane Sugar.
- 4. Functional properties of enzymes & antibodies.
- 5. Purine & Pyrimidine bases.

II. Short Answers. 10 X 3 = 30

- 6. Bleaching powder.
- 7. Write structure of Alanine, aspartic acid & Serine.
- 8. Define (i) Electrophiles (ii) Nucleophiles. Give example for each.
- 9. How benzene react with (i) Chlorine (ii) Nitric acid. Give chemical equation.
- 10. Explain Fidel crafts reaction with example.
- 11. Classification of Amines with examples
- 12. Mention chemical composition of bleaching powder & any two uses of it.
- 13. Write any three uses of diethyl ether.
- 14. Name monosaccharides & Components of starch.
- 15. Types of RNA functions.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL QUESTION PAPER- 26

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write a note on Dalton's Atomic Theory.
- 2. Preparation of Hydrogen Peroxide.
- 3. Write a brief note on the properties of alpha, beta and gamma particles.
- 4. Differences between colloids and crystalloids.
- 5. What are the properties of elements in the periodic table?

II. Short Answers. 10 X 3 = 30

- 6. Buffer Solution.
- 7. Henderson's Equation
- 8. Half life period.
- 9. Composition of Bone
- 10. Uses of Sodium Carbonate.
- 11. Oxidizing and reducing agents.
- 12. Name 2 important elements and their symbol and Valency.
- 13. Applications of Co-ordination compounds in biological reactions.
- 14. Laws of chemical combinations.
- 15. Uses of Sulphuric acid.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the functional properties of proteins.
- 2. Carbohydrate as a source of energy.
- 3. Explain the manufacture of phenol from coal tar.
- 4. Preparation of Benzene and toluene.
- 5. Explain Manufacture of ethyl alcohol from Molasses.

II. Short Answers. 10 X 3 = 30

- 6. Difference between DNA and RNA
- 7. Functional properties of enzymes.
- 8. Classification of enzymes with examples.
- 9. Global Warming.
- 10. Write the ring structure of Maltose and Sucrose.
- 11. Name the Purine and Pyramidine bases.
- 12. Write structural formulae of amino acids i) Glycine ii) Alanine iii) Serine.
- 13. Fridel Crafts reaction.
- 14. Law of mass action.
- 15. Electrophiles and Nucleophiles.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

 MODEL OUESTION PAPER- 27

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Write the Laws of chemical Combinations.
- 2. Write Bohr's model of hydrogen atom.
- 3. How Nitric acid is manufactured by Ostwald's Process?
- 4. Explain the manufacture of Caustic soda.
- 5. Preparation and purification of sols.

II. Short Answers. 10 X 3 = 30

- 6. Uses of Nitric acid.
- 7. Define Radioactivity.
- 8. Calculate percentage composition of carbon in Na₂co₃.
- 9. Define Normality and Morality.
- 10. Tyndall effect.
- 11. Electrolytes and Non electrolytes.
- 12. Applications of Colloids in medicine and food.
- 13. Write the anomalous properties of water.
- 14. Define PH and POH.
- 15. Applications of Radioactive isotopes.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the classification of carbohydrates with examples.
- 2. What are proteins? Describe the functional properties of hormones, Enzymes and antibodies.
- 3. Describe Watson crick model of double helical structure of DNA.
- 4. Write the preparation of Methane.
- 5. Preparation of Benzaldehyde and acetaldehyde.

II. Short Answers. $10 \times 3 = 30$

- 6. Structure of Cellulose.
- 7. Biochemical Messengers.
- 8. Acid rain effect.
- 9. Inductive and Electrometric effect.
- 10. Write the structure of ammonia and water.
- 11. Define Alkane, Alkene, Alkyne with examples.
- 12. Biological Importance of Nucleic acids.
- 13. Homolytic and Heterolytic fission of Covalent bond.
- 14. Uses of Acetone.
- 15. Structure of a) Glycine b) Serine c) Alanine.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER-28

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the classification of colloids with examples.
- 2. What are Halogens? Explain the Preparation of Chlorine.
- 3. Define Natural Radioactivity. Write the applications of CO⁶⁰, P³², I¹³¹, Na²⁴.
- 4. Role of sodium, potassium, calcium chloride, bicarbonate ions in the fluid.
- 5. Determination of ph by buffer solution method.

II. Short Answers. 10 X 3 = 30

- 6. Sub-atomic particles
- 7. Define i) Enthalpy ii) Valency iii) Isotope.
- 8. Importance of buffer in medicine.
- 9. Brownian movement.
- 10. Write 2 uses of chlorine and Iodine.
- 11. Uses of Bone and its composition.
- 12. Define i) PPM ii) Molality iii) Acidity and Basicity.
- 13. Write the indicators mentioning the color change at the end point.
- 14. Uses of H₂O₂
- 15. Types of Buffer Solution.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the preparation of ethane and its uses.
- 2. Preparation of i) bleaching powder ii) Iodoform iii) Chloroform and it's uses.
- 3. Define a rate of a reaction. Explain the factors influencing the rate.
- 4. Write the Important Properties of Benzene and Toluene.
- 5. Write a note on air pollution.

II. Short Answers. $10 \times 3 = 30$

- 1. Classification of amines.
- 2. Uses of phenol.
- 3. Functions of Enzymes in Biological reactions.
- 4. Major atmospheric pollutants.
- 5. Define hydrocarbons and its classification.
- 6. Preparation of acetone.
- 7. Functions of carbohydrates.
- 8. Peptide bond.
- 9. Structural polysaccharides.
- 10. Uses of Ethyl alcohol.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER- 29

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Describe the atomic models.
- 2. Manufacture of Nitric acid by Ostwald's process and uses.
- 3. Define buffer solution mention the types with examples.
- 4. Write the Theory of Lowry and Bronsted Concept of acids and bases displacement method.
- 5. Difference between Lyophilic and Lyophobic sol.

II. Short Answers. 10 X 3 = 30

- 6. Define Co-ordination Compounds. Give 2 examples.
- 7. Fluorocarbons.
- 8. Sub-atomic particles.
- 9. Write the dimension for physical quantities Like Volume, Pressure, Force, Area.
- 10. Properties of matter.
- 11. Equivalent weight and Molecular weight.
- 12. Development of Periodic table.
- 13. Peptization.
- 14. Properties and uses of sodium hydroxide.
- 15. Halogens.

SECTION- B O P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the functional classification of proteins.
- 2. sp² and sp³ hybridization.
- 3. How phenol is recovered from coal tar?
- 4. What are the strategies to control environmental pollution?
- 5. Biological importance of DNA & RNA.

II. Short Answers. 10 X 3 = 30

- 6. Acid rain & smog
- 7. Functions of Acetaldehyde.
- 8. Define Enzyme. Name any 2 Enzymes.
- 9. Structure of Benzene and Toluene.
- 10. Classify hydrocarbons.
- 11. Define rate equation.
- 12. Define amino acids.
- 13. Soil pollution.
- 14. Storage polysaccharides.
- 15. Antibody and Antigen.

Time: 3.00 HRS Max Marks: 100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write balanced chemical equations and draw labelled diagrams wherever asked.

MODEL QUESTION PAPER-30

SECTION- A O P CODE: 4103

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Derive Henderson's equation of an acid and base.
- 2. Explain the manufacture of sodium hydroxide by Nelson cell.
- 3. Applications of Co-ordination compounds in biological reactions.
- 4. Determination of equivalent weight of copper by oxide method.
- 5. What is a buffer solution? Mention the applications of buffers in medicine.

II. Short Answers. 10 X 3 = 30

- 6. Nature of Matter.
- 7. Tyndal effect.
- 8. Uses of Chlorine
- 9. Electrolyhtes and Nonelectrolytes.
- 10. Plaster of paris.
- 11. Percentage Composition.
- 12. Write 2 different systems of measurement.
- 13. Acidity & basicity.
- 14. Electrolysis.
- 15. Indicators and their uses.

SECTION- B Q P CODE: 4104

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the manufacture of rectified spirit from molasses.
- 11. Reaction of Ethane with i) Chlorine ii) Nitric acid. Mention two uses of ethane.
- 2. Write a note on Soil Pollution.
- 3. Preparation of acetaldehyde and benzaldehyde.
- 4. Biological importance of Nucleic acids.

II. Short Answers. 10 X 3 = 30

- 5. Functional Properties of proteins as transport agents.
- 6. Properties of Carboxylic acids.
- 7. How acids are different from bases? Give 2 examples for each.
- 8. Oxidizing agent and reducing agent.
- 9. Bleaching property of chlorine.
- 10. Formula of amino acids a) glysine b)serine c) tyrosine
- 11. What are Biochemical messengers? Name 2 Biochemical messengers.
- 12. Cellulose and Glycogen.
- 13. Ozone lavers.
- 14. Functions of DNA

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 1

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Write the functions of cell
- 2. Write the structure and functions of DNA
- 3. Explain the process of fertilization
- 4. Explain the types of epithelial tissues
- 5. What is genetic engineering? Write the advantages

II. Short Answers. 10 X 3 = 30

- 6. Name the Causative organism for a) Typhoid b) Malaria c) Elephantiasis.
- 7. What are autosomes?
- 8. Neuron
- 9. Functions of placenta
- 10. Differences between DNA and RNA
- 11. Write the types of chromosomes based on the Position of Centromere
- 12. Write the types of Anemia
- 13. Golgi Complex
- 14. Uses of Gene therapy
- 15. Adipose tissue

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

4 X 5 = 20

- 1. Explain the formation urine
- 2. Describe digestion and absorption of carbohydrates in small intestine.
- 3. Write neat and labelled diagram of Eye.
- 4. Explain external genital organs of male reproductive system.
- 5. Describe the chambers of Human Heart.

II. Short Answers. 10 X 3 = 30

- 6. Oxytocin
- 7. Functions of ovary
- 8. Gall bladder.
- 9. Structure of tooth
- 10. Functions of skin
- 11. Write the functions of cranial nerves.
- 12. Larynx
- 13. Blood pressure
- 14. Write the structure of sperm
- 15. Pharynx

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 2

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the diagram of eukaryotic animal cell. Explain internal cellular components.
- 2. What is connective tissue? Explain microscopic structure of bone.
- 3. Explain the structure and functions of placenta.
- 4. Mention the functions of Nucleic acid.
- 5. Explain double helical structure of DNA.

II. Short Answers. 10 X 3 = 30

- 6. Write the methods of fertilization.
- 7. Structure of Neuron.
- 8. Uses of DNA finger printing.
- 9. Explain the formation of daughter cells.
- 10. Structure of chromosome.
- 11. Mitochondria.
- 12. What are Barr bodies?
- 13. Write two bacterial and two viral diseases.
- 14. Write two process of metabolism.
- 15. Rh factor.

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the diagram of digestive system and explain secretion of stomach.
- 2. Write the steps of mechanism of sight.
- 3. Write the functions of thyroid hormones.
- 4. Explain the structure and functions of Kidney.
- 5. Explain blood circulation.

II. Short Answers. 10 X 3 = 30

- 6. Puberty in females.
- 7. Functions of cerebellum.
- 8. Peritoneum.
- 9. Functions of Skin
- 10. Explain the secretion of pancreas.
- 11. Emergency gland.
- 12. Male and female sex hormones.
- 13. Tidal volume.
- 14. Blood pressure
- 15. E.C.G

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 3

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. What is fertilization? Explain types of fertilization.
- 2. ABO blood grouping and Rh factor in humans.
- 3. Explain Mitosis cell division.
- 4. What is muscular tissue? Explain the classification of muscular tissue?
- 5. What is Nucleic acid? Explain the Structure of DNA

II. Short Answers. $10 \times 3 = 30$

- 6. Define a Gland Explain endocrine glands.
- 7. Uses of DNA fingerprinting.
- 8. Prevention and control of Measles.
- 9. Functions of Placenta.
- 10. Write three bacterial diseases.
- 11. Functions of red blood cells (RBC)
- 12. Sex determination in humans
- 13. Stratified epithelium.
- 14. Ribosomes
- 15. Differences between DNA and RNA

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the two stages of exchanges of gases.
- 2. What is a hormone? Explain pituitary gland.
- 3. Blood circulation in humans
- 4. Explain mechanism of sight.
- 5. Write the diagram of stomach. Explain secretions of stomach.

II. Short Answers. 10 X 3 = 30

- 6. Spinal nerves.
- 7. Name the Parts of large intestine
- 8. Explain inner layer of skin.
- 9. Oesophagus.
- 10. Mammary glands.
- 11. Cardiac cycle.
- 12. Functions of liver.
- 13. Menopause.
- 14. Write the structure of position of testes.
- 15. Islets of Langerhans.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 4

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the differences between prokaryotic and eukaryotic cell.
- 2. Explain the structure and functions of placenta.
- 3. Write the labelled diagram of Bacteria cell.
- 4. Write the advantages and disadvantages of genetic engineering.
- 5. Write the double helical structure of DNA.

II. Short Answers. 10 X 3 = 30

- 6. Transmission and symptoms of small pox
- 7. Cardiac muscle.
- 8. Define fertilization.
- 9. Rh factor.
- 10. Autosomes.
- 11. Uses of DNA fingerprinting.
- 12. Mitochondria.
- 13. Stratified epithelium.
- 14. Types of chromosomes.
- 15. Name three bacterial diseases.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write labelled diagram of skin and mention its functions.
- 2. Explain the mechanism of Respiration.
- 3. Explain digestion in small intestine.
- 4. Define structure and functions of Pancreas.
- 5. Explain the parts and function of fallopian tube.

II. Short Answers. 10 X 3 = 30

- 6. Disorders of thyroid function.
- 7. Write two important structure of tongue.
- 8. Name three digestion glands
- 9. Erythoroblactosisfo ctalis.
- 10. Deficiency of folic acid.
- 11. Write the hormones secreted by Adrenal cortex.
- 12. Mode of transmission of AIDS.
- 13. Diseases of urinary system.
- 14. Structure of human heart.
- 15. Glaucoma.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 5

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain ABO blood group system in humans.
- 2. Write the diagram of Nervous tissue.
- 3. Write the difference between RNA and DNA.
- 4. Explain fertilization.
- 5. Explain internal structure of an animal cell.

II. Short Answers. 10 X 3 = 30

- 6. Write three applications of recombinant DNA technology.
- 7. Gene cloning.
- 8. Sex determination.
- 9. Voluntary muscle.
- 10. Examples of bacterial diseases.
- 11. Golgi complex.
- 12. Areolar tissue.
- 13. Mention the shapes of bacteria.
- 14. Functions of Nucleic acids
- 15. Advantages of Meiosis.

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Mention the structures of respiratory system. Explain the exchange of gases.
- 2. Write a neat labelled diagram of Eye.
- 3. Explain the formation of semen.
- 4. Write the structure of pituitary gland and mention its hormones.
- 5. Explain the process of Deglutination

II. Short Answers. 10 X 3 = 30

- 6. Cardiac cycle.
- 7. Functions of Liver.
- 8. Write the mechanism of hearing.
- 9. What is a gland? Explain exocrine glands.
- 10. Medulla oblongata.
- 11. Islets of Langerhans.
- 12. Ovulation.
- 13. Functions of Hydrochloric acid in stomach
- 14. Fallopian tube.
- 15. Blood vessels

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 6

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Placenta Structure and functions.
- 2. Genetic fingerprinting.
- 3. Explain Fertilization.
- 4. Write the diagram of an animal cell.
- 5. ABO blood group system in humans

II. Short Answers. 10 X 3 = 30

- 6. Graffian follicle.
- 7. Name three bacterial diseases.
- 8. Ovary.
- 9. Nucleic acid.
- 10. Nervous tissue.
- 11. Mitochondria.
- 12. DNA fingerprinting.
- 13. Sex determination in humans
- 14. Mitosis-Significance
- 15. Epithelial tissue

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. What are hormones? Name the hormones of pituitary gland.
- 2. Explain the process of Urine formation.
- 3. Digestion of carbohydrates.
- 4. Explain the mechanism of working of heart.
- 5. Explain salivary glands with function.

II. Short Answers. $10 \times 3 = 30$

- 6. Structure of a mammalian sperm.
- 7. Name the major parts of the brain
- 8. Mechanism of breathing.
- 9. Blood pressure.
- 10. Nephron.
- 11. Name three Sexually transmitted diseases(STDs)
- 12. Functions of Liver.
- 13. Functions of ear
- 14. Functions of Cerebrum.
- 15. Abnormal types of Respiration.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 7

SECTION- A Q P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain Mitosis cell division with diagram.
- 2. Write the functions of Chromosomes.
- 3. Explain Nervous tissue.
- 4. Functions of Blood.
- 5. Write advantages and disadvantages of Genetic engineering.

II. Short Answers. 10 X 3 = 30

- 6. Endoplasmic reticulum.
- 7. Bar bodies.
- 8. Connective tissue.
- 9. Functions of nucleic acid.
- 10. Name three viral diseases.
- 11. Mention the functions of placenta.
- 12. Explain reproduction by meiosis.
- 13. Structure of DNA.
- 14. Functions of White blood cells (WBC)
- 15. Write the preventive measure against AIDS.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat and labelled diagram of a human heart.
- 2. Describe the process of digestion of food in the mouth, stomach and intestine.
- 3. What a hormone? Explain adrenal gland hormones.
- 4. Write the structure of Eye ball.
- 5. Explain the structure and functions of Ovary.

II. Short Answers. 10 X 3 = 30

- 6. Gastric juice.
- 7. Electrocardiogram (ECG)
- 8. Functions of skin.
- 9. CSF.
- 10. Salivary glands.
- 11. Structure of sperm.
- 12. Nervous tissue.
- 13. Trachea.
- 14. Mechanism of equilibrium.
- 15. Function of Liver.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 8

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the ABO Blood group and Rh factor.
- 2. Explain genetic finger printing and uses.
- 3. Differences between mitosis and meiosis.
- 4. Write a neat labelled diagram of Nervous tissue.
- 5. Describe the structure of placenta.

II. Short Answers. 10 X 3 = 30

- 6. Types of fertilization.
- 7. Lysosomes.
- 8. Examples of sexualy transmitted diseases,
- 9. Uses of gene cloning.
- 10. Areolar tissue.
- 11. Microsomes.
- 12. Air borne infections.
- 13. Write the diagram of an animal cell.
- 14. Write the examples of viral diseases.
- 15. What is human genome project.

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat labelled diagram of human heart and explain systemic circulation.
- 2. What is a hormone? Explain anterior pituitary gland hormones.
- 3. Explain external genital organ of female.
- 4. Write the structure of Internal ear.
- 5. Write the factors affecting blood pressure.

II. Short Answers. $10 \times 3 = 30$

- 6. Prostate gland.
- 7. Functions of large intestine.
- 8. Retina.
- 9. Write the differences between right lung and left lung.
- 10. Functions of WBCs.
- 11. List the different stages in mitotic cell division
- 12. Formation of saliva and its functions.
- 13. Write the secretion of skin.
- 14. Diaphragm.
- 15. Write the functions of thyroid hormones.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 9

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Write a neat labelled diagram of Nervous tissue.
- 2. Explain the process of fertilization.
- 3. Write a neat labelled diagram of Bacterial cell
- 4. What is Recombinant DNA technology? Mention its applications
- 5. Explain ABO blood group system in humans,

II. Short Answers. $10 \times 3 = 30$

- 6. Functions of Nucleic acids
- 7. Structure of Placenta.
- 8. Write two viral and two bacterial diseases.
- 9. Ribosomes.
- 10. Process of metabolism in a cell
- 11. What is autosome?
- 12. Difference between mitosis and meiosis.
- 13. Sex determination in humans
- 14. Examples of airborne infections.
- 15. What is human genome project?

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write the labelled diagram of human brain.
- 2. Explain accessory structure of eye.
- 3. Write the structure of nephron with neat labelled diagram.
- 4. Explain (i) ECG (ii) Pulse
- 5. Explain the secretion of thyroid hormones and their functions.

II. Short Answers. 10 X 3 = 30

- 6. Oxytocin.
- 7. Secondary organ in female.
- 8. Functions of cerebrum.
- 9. Urinary bladder.
- 10. Explain the structure of heart.
- 11. Explain the structure of Diaphragm.
- 12. Blood Pressure
- 13. Artificial respiration.
- 14. Functions of autonomic nervous system.
- 15. Functions of Liver

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 10

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Write the difference between Prokaryotic cell and Eukaryotic cell.
- 2. Explain the structure and functions of chromosomes.
- 3. Write a double helical structure of DNA.
- 4. Explain cell division by mitosis method.
- 5. Describe epithelium tissue.

II. Short Answers. 10 X 3 = 30

- 6. Rh factor.
- 7. What is cartilage? Explain types of cartilage.
- 8. Mentions the uses of Biotechnology.
- 9. Explain internal fertilization.
- 10. Give three examples of diseases caused by bacteria.
- 11. Functional of nucleic acid.
- 12. Explain sex determination in humans
- 13. What is involuntary muscle and give an example.
- 14. Applications of gene cloning.
- 15. Endoplasmic reticulum.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the formation of Urine.
- 2. Write a neat labelled diagram of Eve.
- 3. Write the structure and functions of Uterus.
- 4. Explain salivary glands and mention the functions of Saliva.
- 5. **B**lood pressure.

II. Short Answers. 10 X 3 = 30

- 6. Tympanic cavity.
- 7. Hypothyroidism.
- 8. Write the diagram of sperm.
- 9. Taste buds.
- 10. Pharynx.
- 11. Graffian follicle
- 12. Emergency hormone.
- 13. Aqueous humour.
- 14. Medulla oblongata.
- 15. Structure of neuron.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 11

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the Fluid Mosaic Model with labelled diagram
- 2. Explain human blood groups
- 3. Write the labelled structure of a areolar connective tissue
- 4. Give a brief account of fertilization
- 5. Give a brief account of DNA fingerprinting. Mention its applications

II. Short Answers. 10 X 3 = 30

- 6. Draw a neat labelled diagram of mitochondria
- 7. Mention the types of chromosomes based on the position of centromere
- 8. Give the diagrammatic view of the cell cycle
- 9. Name three bacterial diseases and name the causative organism for each
- 10. Mention three applications of gene therapy
- 11. Mention three functions of placenta
- 12. Mention three functions of blood
- 13. Mention the types of RNA and their functions
- 14. What are Bar bodies?
- 15. Write the key features of metaphase

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat labelled diagram of section of human heart
- 2. Explain the mechanism of breathing
- 3. Name any five hormones of anterior pituitary. Mention one function for each.
- 4. Define digestion. Mention the associated glands in the digestive system
- 5. Draw a labelled diagram of neuron

II. Short Answers. 10 X 3 = 30

- 6. Mention the physiological effect due to:
 - a) Deficiency of growth hormone b) Deficiency of iodine c) Deficiency of insulin
- 7. Write the structure of eye
- 8. Write the structure of sperm
- 9. Mention any three sexually transmitted diseases
- 10. Mention three functions of kidney
- 11. Blood pressure
- 12. Name the exocrine gland and mention its secretion and function
- 13. Write the structure of Graffian follicle
- 14. Mention three functions of liver
- 15. Mention the functions of artery and vein

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 12

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Structure of Chromosomes.
- 2. Explain cell division.
- 3. Write in detail about Epithelial tissue.
- 4. Explain with neat labeled diagram of Bacterial structure.
- 5. Fertilization.

II. Short Answers. 10 X 3 = 30

- 6. Diseases of viruses.
- 7. Double Helical model of DNA.
- 8. Nucleus.
- 9. Karyotype and Idiogram.
- 10. Functions of blood.
- 11. Structure of Neuron.
- 12. What is gene cloning.
- 13. AIDS.
- 14. Difine Nucleic acid. Name two nucleic acids.
- 15. Placenta function.

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Mechanism of working of heart.
- 2. Graffian follicale.
- 3. Write in detail about digestive system.
- 4. Pancreas.
- 5. Ultra structure of sperm.

II. Short Answers. 10 X 3 = 30

- 6. Blood pressure.
- 7. Parts of Eyeball.
- 8. Spinal cord.
- 9. Sexually transmitted diseases.
- 10. Digestive glands.
- 11. Herat chambers.
- 12. Parts of brain.
- 13. Thyroid gland.
- 14. Menstural cycle.
- 15. Functions of kidney.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 13

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Define virus. Write in detail about viruses.
- 2. Classification of chromosomes.
- 3. Advantages and disadvantages of genetic engineering.
- 4. Write a note on mitosis.
- 5. Biotechnology applications

II. Short Answers. 10 X 3 = 30

- 6. Mitochondria.
- 7. Diseases caused by Bacteria.
- 8. Explain DNA finger printing.
- 9. Importance of Rh factor.
- 10. Karyokinesis and cytokinesis.
- 11. Placenta functions.
- 12. Connective tissue.
- 13. Types of cell division.
- 14. Composition of Blood.
- 15. Differences between DNA&RNA

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain blood circulation.
- 2. Describe the process of Implantation.
- 3. Pancreas.
- 4. Menstrual cycle.
- 5. Sexual transmitted diseases- Name three diseases.

II. Short Answers. 10 X 3 = 30

- 6. Explain inspiration.
- 7. Blood pressure.
- 8. Functions of kidney.
- 9. Thyroid gland.
- 10. Larynhx.
- 11. Parts of Ear.
- 12. Fallopian tube.
- 13. Parts of Respiratory system.
- 14. Functions of tongue
- 15. Endocrine gland.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 14

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Muscular tissue.
- 2. Barr Bodies.
- 3. DNA and RNA
- 4. Mitosis and Meiosis.
- 5. Bacterial Structure.

II. Short Answers. 10 X 3 = 30

- 6. AIDS.
- 7. Structure of Chromosomes.
- 8. Gene therapy.
- 9. Functions of Blood.
- 10. Disesase of viruses.
- 11. Genetic finger printing.
- 12. Structure of Neuron.
- 13. Cell membrane.
- 14. ABOBlood grouping in humans
- 15. Ribosomes.

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Ultra structure of sperm.
- 2. Explain briefly about digestive system
- 3. Mechanism of breathing.
- 4. Write a note on Spinal cord.
- 5. Parts of Respiratory system.

II. Short Answers. $10 \times 3 = 30$

- 6. Graffian follicle.
- 7. Seminal vesicle.
- 8. Heart chambers.
- 9. Parts of brain.
- 10. Middle Ear.
- 11. Digestive glands.
- 12. Inspiration.
- 13. Functions of kidney.
- 14. Trachea.
- 15. Blood pressure.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 15

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Bacterial cell structure.
- 2. Mitosis and meiosis
- 3. Structure of a neuron.
- 4. Define virus and write diseases of viruses.
- 5. Placenta Structure and function

II. Short Answers. 10 X 3 = 30

- 6. Functions of blood.
- 7. DNA finger printing.
- 8. Importance of monoclonal anti bodies.
- 9. Muscular tissue.
- 10. Genetic Engineering applications
- 11. Common modes of transfusion of HIV & prevention.
- 12. Chomosomes.
- 13. Functions of nucleic acids.
- 14. Bacterial diseases.
- 15. Fertilization.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Graffian follicle.
- 2. Explain digestive glands.
- 3. Kerb's Cycle.
- 4. Mechanism of breathing.
- 5. Functions of kidney.

II. Short Answers. $10 \times 3 = 30$

- 6. Middle Ear.
- 7. Functions of Liver
- 8. Expiration.
- 9. Vas deferens.
- 10. Parts of Eyeball.
- 11. Spermatogenesis.
- 12. Parts of brain.
- 13. Larynx.
- 14. Spinal cord.
- 15. Heart chambers.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 16

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Autosomes and Allosomes.
- 2. Biotechnology -applications
- 3. Epithelial tissue.
- 4. Write a note on bacterial diseases.
- 5. Explain cell division.

II. Short Answers. $10 \times 3 = 30$

- 6. Barr bodies.
- 7. Fertilization.
- 8. HIV.
- 9. Pancreas.
- 10. Double Helical model of DNA.
- 11. Functions of blood.
- 12. Advantages & Disadvantages of genetic engineering.
- 13. Golgi body.
- 14. Placenta functions
- 15. Gene manipulation

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Menstrual cycle.
- 2. Blood circulation
- 3. Digestive system.
- 4. Structure of sperm.
- 5. Role of sex hormones in reproduction

II. Short Answers. $10 \times 3 = 30$

- 6. Blood vessels.
- 7. Alveoli.
- 8. Sexually transmitted diseases.
- 9. Thyroid gland.
- 10. Middle Ear.
- 11. Respiration.
- 12. Seminal vesicals.
- 13. Fallopian tube.
- 14. Heart chambers
- 15. Parts of Eyeball.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 17

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Connective tissue.
- 2. Structure of Sperm
- 3. Mitosis & Meiosis.
- 4. Gen therapy.
- 5. Write in detail about viruses.

II. Short Answers. $10 \times 3 = 30$

- 6. Define nucleic acid, Write types of nucleic acids.
- 7. DNA&RNA
- 8. Classification of Chomosomes.
- 9. Pancrease.
- 10. Fartilization
- 11. ABO Blood group in humans
- 12. Barr bodies
- 13. Lysosomes.
- 14. Diseases caused by Bacteria.
- **15. AIDS**

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Muscles of Eyeball.
- 2. Mechanism of breathing.
- 3. Explain diabetes mellitus.
- 4. Contents of middle Ear
- 5. Blood pressure.

II. Short Answers. 10 X 3 = 30

- 6. Larynx.
- 7. Functions of Kidney.
- 8. Endocrine and Exocrine glands.
- 9. Graffian follicle.
- 10. Vas deferens.
- 11. Thyroid gland.
- 12. Spinal cord.
- 13. Parts of Brain.
- 14. Causative organisms of sexually transmitted diseases.
- 15. Blood vessels.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 18

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Write in detail about meiosis.
- 2. Functions of blood.
- 3. Structure of Chromosomes.
- 4. Bacterial Structure.
- 5. Connective tissue.

II. Short Answers. $10 \times 3 = 30$

- 6. Autosomes
- 7. Diseases of viruses.
- 8. AIDS
- 9. Eukaryotic Cell structure.
- 10. Double Helix model of DNA.
- 11. Importance of Rh factor.
- 12. Advantages & Disadvantages of genetic engineering.
- 13. Golgi body.
- 14. Placenta functions.
- 15. Karyotype and Idiogram.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Structure of sperm.
- 2. Mechnism of respiration.
- 3. Functions of kidney.
- 4. Blood pressure.
- 5. Digestive system.

II. Short Answers. $10 \times 3 = 30$

- 6. Parts of Eyeball.
- 7. Blood vessels.
- 8. Heart chambers
- 9. Lungs.
- 10. Fallopian tube.
- 11. Thyroid gland.
- 12. Seminal vesicle.
- 13. Parts of Brain.
- 14. Heart beat.
- 15. Spermatogenesis.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 19

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Types of RNA & their functions
- 2. Mitosis and Meiosis.
- 3. Fertilization.
- 4. Write a note on bacterial diseases.
- 5. Double Helix model of DNA.

II. Short Answers. 10 X 3 = 30

- 6. Epithelial tissues.
- 7. Chromosomes.
- 8. Allosomes
- 9. DNA finger printing.
- 10. Sex determination in humans
- 11. Functions of blood.
- 12. General characteristics of viruses.
- 13. Structure of neuron.
- 14. Mitochondria...
- 15. AIDS.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Explain blood circulation.
- 2. Describe the process of Implantation.
- 3. Pancrease.
- 4. Menstrual cycle.
- 5. Sexualy transmitted diseases. Name two diseases.

II. Short Answers. 10 X 3 = 30

- 6. Fellopian tube.
- 7. Parts of Eyeball.
- 8. Blood vessels.
- 9. Inspiration
- 10. Endocrine gland
- 11. Menstrual cycle
- 12. Larynx
- 13. Vas deference
- 14. Middle ear
- 15. Digestive glands

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 20

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Bacterial cell structure.
- 2. Cell division.
- 3. Placenta Structure and functions.
- 4. Diseases of viruses.
- 5. ABO Blood group and Rh factor.

II. Short Answers. 10 X 3 = 30

- 6. DNA finger priting.
- 7. Functions of blood.
- 8. Autosomes and Allosomes.
- 9. Muscular tissue.
- 10. Define nucleic acid, mention types of nucleic acids
- 11. Composition of blood.
- 12. Barr bodies.
- 13. Functions of chromosomes.
- 14. General characteristics of viruses.
- 15. Gene manipulation.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Graffian follicle.
- 2. Kerb's cycle.
- 3. Mechanisum of breathing.
- 4. Function of exocrine glands.
- 5. Seminal vesicle.

II. Short Answers. 10 X 3 = 30

- 6. Sexually transmitted diseases.
- 7. Thyroid gland
- 8. Digestme glands
- 9. Blood pressure
- 10. Respiration
- 11. Parts of Eyeball
- 12. functions of kidney
- 13. Heart chambers
- 14. spinal cord
- 15. Trachea

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 21

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Placenta -structure and functions
- 2. Mitosis and Meiosis.
- 3. Fertilization.
- 4. Write a note on bacterial diseases.
- 5. Double Helix model of DNA.

II. Short Answers. 10 X 3 = 30

- 6. Function of Liver
- 7. Connective tissue.
- 8. Genetic finger priting.
- 9. Composition of Blood.
- 10. DNA&RNA
- 11. Epelthelial tissue.
- **12. AIDS**
- 13. Structure of sperm.
- 14. Importance of genetic engeneering.
- 15. Viral diseases.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain blood circulation.
- 2. Describe the process of Implantation.
- 3. Pancrease.
- 4. Menstrual cycle.
- 5. Structure of neuron

II. Short Answers. $10 \times 3 = 30$

- 6. Middle ear
- 7. Menstrual cycle
- 8. Explain inspiration
- 9. Spermatogenesis
- 10. Muscle of Eveball
- 11. Parts of brain
- 12. Sexually transmitted diseases
- 13. Endocrine gland
- 14. Seminal vesical
- 15. Blood vessels

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 22

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Write a note on Mitosis
- 2. Write a note on Endocrine glands & their functions.
- 3. Structure of Eye.
- 4. DNA finger printing
- 5. Nervous tissue

II. Short Answers. 10 X 3 = 30

- 6. Lysosomes
- 7. Autosomes & Allosomes
- 8. Write any three functions of placenta
- 9. Applications of Biotechnology
- 10. Functions of DNA
- 11. Structure of Nephron
- 12. Oxygen cylinder
- 13. Diseases caused by Bacteria.
- 14. Fallopian tube
- 15. Gene Therapy

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. ABO Blood groups and Rh typing
- 2. Structure of eukaryotic cells in animal
- 3. Draw a neat labessed diagram of Respiratory system
- 4. Describe AIDS, Write the common modes of infection and prevention.
- 5. Sex determination in human

II. Short Answers. 10 X 3 = 30

- 6. Name any three viral diseases
- 7. Functions of blood.
- 8. Mitochondria
- 9. Barr bodies
- 10. Functions of nucleic acid
- 11. Blood pressure
- 12. Causative organism & symptoms of gonorrhoea.
- 13. Sphygmomanometer.
- 14. List the different stages in the mitotic cell division.
- 15. Fertilization.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 23

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Explain Mechanism of working of heart
- 2. Write a note on Meiosis.
- 3. Structure of Sperm
- 4. Types of RNA & their functions.
- 5. Draw a neat labelled diagram of female reproductive system.

II. Short Answers. $10 \times 3 = 30$

- 6. Endoplasmic reticulum
- 7. Name any three diseases caused by Bacteria.
- 8. cartilage
- 9. Functions of chromosomes
- 10. Stethoscope
- 11. Human Genome project
- 12. Blood pressure
- 13. Basics of gene cloning
- 14. Functions of Fallopian tube
- 15. Salivary gland

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain mechanism of respiration
- 2. Blood grouping and Rh factor.
- 3. Explain Recombinant DNA Technology
- 4. Structure of mature Graffian follicle
- 5. Epithelial tissue

II. Short Answers. 10 X 3 = 30

- 6. AIDS
- 7. Placenta Structure of functions
- 8. Golgi complex
- 9. Structure of bacterial cell
- 10. Functions of Kidney
- 11. Mitochondria
- 12. Causative organism & symptoms of syphilis
- 13. Ribosomes
- 14. Liver Functions
- 15. Fertilization.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 24

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat diagram of Respiratory system and label
- 2. Difference between Mitosis & Meiosis
- 3. Structure of a eukaryotic cell
- 4. Explain Watson and Crick model of DNA
- 5. Advantages & disadvantages of genetic engineering

II. Short Answers. 10 X 3 = 30

- 6. Peroxisomes
- 7. Pneumonia
- 8. Types of bacteria based on shape
- 9. Functions of epididymis
- 10. Oxygen cylinder
- 11. Difference between DNA and RNA
- 12. Sex determination in humans
- 13. Structure of typical chromosome
- 14. Pancreas
- 15. Gene Therapy

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat labeled diagram of the Nephron
- 2. Blood grouping and Rh factor.
- 3. Genetic finger printing
- 4. Autosornes and Allosomes
- 5. Secretion of exocrine glands and their functions

II. Short Answers. 10 X 3 = 30

- 6. Chemical composition of DNA
- 7. Applications of Recombinant DNA Technology.
- 8. Structure of bacterial cell.
- 9. Placenta-structure and function
- 10. Blood pressure
- 11. Causative organism & symptoms of Mumps
- 12. Nucleus
- 13. Monoclonal anti bodies
- 14. Gene cloning

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 25

SECTION- A Q P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Explain the parts of Microscope with diagram
- 2. Write a note on structure and types of placenta
- 3. Write about important Diseases caused by viruses
- 4. Explain any two bacterial diseases
- 5. Describe bacterial structure with a neat labeled diagram

II. Short Answers. $10 \times 3 = 30$

- 6. Definition of chromosomes
- 7. Significance of Mitosis
- 8. Genetic engineering applications
- 9. Functions of liver
- 10. Heart sound
- 11. Define Anatomy & Physiology
- 12. Blood pressure
- 13. Adipose tissue
- 14. Definition of nucleic acid & types of nucleic acids
- 15. Basic tools of gene cloning

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Brief account of fertilization
- 2. Digestive glands
- 3. Write the common modes of infection & prevention of mumps
- 4. Cell organelles & their functions
- 5. Recombinant DNA Technology applications

II. Short Answers. $10 \times 3 = 30$

- 6. Cell components & their functions
- 7. Rh factor
- 8. Preventive measures of AIDS
- 9. Functions of vas difference, urethra & Epididymis
- 10. Functions of plasma membrane
- 11. Spinal cord
- 12. Causative organism & symptoms of cholera
- 13. Structure of Endoplasmic reticulum
- 14. 14 Any three differences between DNA & RNA
- 15. Functions of Kidney

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 26

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Eukaryotic
- 2. Cell components
- 3. Mitosis and Meiosis
- 4. Sex determination in humans
- 5. Gene therapy
- 6. Types of chromosomes based on position of centromere

II. Short Answers. $10 \times 3 = 30$

- 7. Muscular tissue
- 8. Human genome project
- 9. Cartilage
- 10. Functions of placenta
- 11. Blood Functions
- 12. Small pox
- 13. Neuron
- 14. Symptoms of Polio & treatment
- 15. Bar bodies
- 16. Centromeres

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

4 X 5 = 20

- 1. Brief account of bacterial diseases
- 2. Structure of eukaryotlc animal cell
- 3. Differences between DNA & RNA
- 4. Epithelial tissue
- 5. Describe bacterial structure with neat labeled diagram

II. Short Answers. 10 X 3 = 30

- 6. Diptheria
- 7. DNA fingerprinting.
- 8. Functions of kidney
- 9. Spinal cord
- 10. Blood vessels
- 11. Oxygen cylinder
- 12. Disadvantages of genetic engineering
- 13. Nucleus
- 14. Buccal cavity
- 15. Thyroid gland

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 27

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Structure of Graffian follicle
- 2. Describe bacterial structure with neat labeled diagram
- 3. Recombinant DNA Technology & its appplications
- 4. Types of connective tissues with an example
- 5. Mechanism of respiration

II. Short Answers. 10 X 3 = 30

- 6. Structure of neuron
- 7. Functions of blood
- 8. Monoclonal anti bodies
- 9. Cowper's gland
- 10. Fertilization
- 11. Significance of Meiosis
- 12. Peroxisomes
- 13. Symptoms of cholera &preventive measures
- 14. Areolar tissue
- 15. Blood vessels

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat labeled diagram of Respiratory system
- 2. Secretion of Endocrine glands and their function
- 3. Sexually Transmitted diseases.
- 4. Functions of nucleic acids.
- 5. Muscular tissue.

II. Short Answers. 10 X 3 = 30

- 6. Structure of Golgi complex
- 7. Human placenta functions
- 8. Symptoms of small pox
- 9. Sex determination in humans
- 10. Significance of mitosis
- 11. Testes
- 12. Mention three parts of brain
- 13. Autosomes
- 14. Pancreas
- 15. Sphygmomanometer

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 28

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat labeled diagram of male reproductive system
- 2. Advantages and Disadvantages of genetic engineering
- 3. Structure of Eukaryotic animal Cell
- 4. Explain Watson and crick model of DNA
- 5. Human genome project

II. Short Answers. 10 X 3 = 30

- 6. Ribosomes
- 7. Pneumonia
- 8. Types of bacteria based on shape
- 9. Functions of epididymis
- 10. Oxygen cylinder
- 11. Graffian follicle
- 12. Functions of RBC
- 13. Structure of typical chromosome
- 14. List the different stages in Mitotic cell division
- 15. Thyroid gland

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat labelled diagram of the nephron and explain
- 2. ABO blood grouping and Rh factor
- 3. Write the common modes of infection and prevention of small pox
- 4. Autosomes and Allosomes
- 5. Connective tissue

II. Short Answers. 10 X 3 = 30

- 6. Chemical composition of DNA
- 7. Applications of Recombinant DNA technology.
- 8. Ribosomes
- 9. Structure of bacteria
- 10. Mitochondria- Structure and function
- 11. Blood pressure
- 12. Causative Organism and symptoms of Mumps
- 13. Nucleus
- 14. Monoclonal anti Bodies
- 15. Gene Cloning.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 29

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

4 X 5= 20

- 1. Mechanism of working of heart
- 2. Female reproductive system
- 3. Meiosis
- 4. Eukaryotic animal cell Structure
- 5. Human Genome project

II. Short Answers. 10 X 3 = 30

- 6. Structure of neuron
- 7. Functions of kidney
- 8. Buccal cavity
- 9. Graffian follicle
- 10. Pituitary gland
- 11. Ovarv
- 12. Autosomes
- 13. Applications of Biotechnology
- 14. Lysosomes
- 15. Barrbodies

SECTION- B Q P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Mechanism of respiration
- 2. Nervous tissue
- 3. Write the common modes of infection and prevention of Tuberculosis
- 4. Differences between Mitosis & Meiosis
- 5. ABO Blood grouping and Rh typing

II. Short Answers. 10 X 3 = 30

- 6. Structure of Mitochondria
- 7. Cartilage
- 8. Symptoms of Measles
- 9. Structure of bacteria
- 10. Blood pressure
- 11. Blood
- 12. Functions of DNA
- 13. Functions of Kidney
- 14. Functions of placenta
- 15. Allosomes.

Time: 3.00 HRS Max Marks:100

GENERAL INSTRUCTIONS:

- i) This question paper has two parts A and B. Both the parts are compulsory
- ii) Draw labelled diagrams wherever necessary. Unlabelled diagrams or illustrations do not attract any marks MODEL QUESTION PAPER- 30

SECTION- A O P CODE: 4105

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Draw a neat diagram of brain and explain the main parts of the brain
- 2. Differences between bone and cartilage
- 3. Draw a labeled diagram of human heart
- 4. Explain sexually transmitted diseases
- 5. Describe bacterial structure with neat labeled diagram

II. Short Answers. 10 X 3 = 30

- 6. Structure of neuron
- 7. Advantages of genetic engineering
- 8. Blood vessels and their functions
- 9. Functions of seminal vesicles
- 10. Adrenal glands and their functions
- 11. Graffian follicle
- 12. External respiration
- 13. Heart sound
- 14. Applications of Biotechnology
- 15. Microscope.

SECTION- B O P CODE: 4106

I Short Notes, Answer Any FOUR Questions.

 $4 \times 5 = 20$

- 1. Structure of Eye
- 2. Digestive glands
- 3. Write the common modes of infection and prevention of Tetanus
- 4. Differences between prokaryotic & eukaryotic cell
- 5. Structure of Nephron

II. Short Answers. 10 X 3 = 30

- 6 Functions of DNA
- 7 Plasma membrane
- 8 Preventive measures of syphilis
- 9 Structure of sperm
- 10 Thyroid gland
- 11 Physiology
- 12 causative organism & symptoms of small pox
- 13 Adipose tissue
- 14 Blood pressure
- 15 Fertilization

PARAMEDICAL BOARD, BENGALURU

Max Marks:100

Model Question Paper-1 Subject: ENGLISH

DIPLOMA COURSES

(FIRST YEAR)

Time: 3:00 Hrs.

GENERAL INSTRUCTIONS: The question paper has two parts A and B. Both the parts are compulsory. (ii) Write the correct question number as it appears on the question paper. **SECTION -A OP Code-4107** I. Write an ESSAY on any one of the following in about 300 words. 15X1=15 1. H1N1 2. Dog Bite II. Use the following Idioms/Phrases in sentences of your own. 5X1=53. Cock and Bull stories. 4. To burn the midnight oil. 5. A hard nut to crack. 6. Everybody's cup of tea. 7. In the air. III. Change the following into indirect speech 5X1=58. Asha said, 'I am returning to Nagpur next Saturday'. 9. 'The birds are flying away,'Kavitha says. 10. If I see Jai, I shall certainly bring him here, said Dr.Ramesh. 11. 'Helen writes very well,' said her friend. 12. I said to the man, 'you can keep your books in the room'. IV. Change the voice of the following. 5X1=513. Our boys won many prizes. 14. Ramesh gave her those books. 15. He plays cricket well. 16. The children are eating Mangoes. 17. The doctor will ask us many questions. V. Write the opposites for the following 5X1=5 18. Accept 19. Asleep 20. Best 21. Comedy 22. Beautiful VI. Fill in the blanks with the suitable prepositions. 5X1=523. I will come.....an hour. 24. I depend..... you. 25. I met him............ 10.00 in the morning. 26. She is walking..... the Infantry Road. 27. The sun rises.....the east. VII. Fill in the blanks with articles. 5X1=528. He is.....young boy. 29. I am....student of this college. 30. I am.....Kannadiga. 31.stars are in the sky. 32. I read..... poem. 5X1=5VIII. Give synonyms of the following. 33. Earn 34.Admit 35.Dread 36.Smell 37. Riot

I. Answer any One (Letter Writing). 1X10=10

- 1. Write a letter to your Principal requesting him to issue "Transfer Certificate".
- 2. Write a letter to your Father inviting him to attend the "inaugural function" of your college.

II. Read the following passage carefully and answer the questions that follow:.

- (1). Moodabidri, near Mangalore, is an ancient center of Jain learning and has been considered one of the main tourist destinations in Dakshina Kannada. It enchants its visitors with its cultural charm and diverse attraction and events. Between the 14th and 16th centuries, Moodabidri witnessed an unprecedented growth as a center of Jain religion, culture, art and architecture. Resultantly, the 18 Jain temples that are famous as besides, today, were constructed during the period.
- (2) The `Tribhurana Tilaka Chudamani Basadi', popularly known as 'Thousand pillar Based' is the most ornate of the Jain temples and largest of its kind in costal Karnataka. With its ornate exterior, and interior, and huge pillars that run around the temple complex, it is considered one of the finest works of architecture among Jain basadis in the state.
- (3) The shrine has a 60 feet tall monolithic pillar known as Maanastambha. There's also an eight feet idol of Trithankara Chandraprabha, inside the basadi, which is worshipped with reference.
- (4) Other main Jain temples of Moodabidri are 'Guru Basadi'. Guru Basadi, formally called 'Parashwanatha Basadi' is a very sacred place for the Jains, as it houses the holy texts of their religion, such as the `Dhavala', layadhavala' and `Mahadhavala'. Badaga Basadi is in the north of Moodabidri town. Where Chandranatha Swamy is the presiding deity and the statue is carved out of marble.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) The ancient center of Jain learning mentioned in the passage is at
- (a) Mangalore (b) Dakshina Kannada (c) Moodabidri
- (4) During which period were the 18 Jain temple constructed.
- (5) Which Basadi is popularly known as 'Thousand pillar Basadi'.
- (6) Name the 60 feet tall monolithic pillar in the basadi.
- (7) How tall is the idle of Tirthankara Chandraprabha.
- (8) Mention one of the Jain temples in Moodabidri?
- (B) Find the words from the passage which mean the same as the following: (1X2=-2)
- (9) End (para 1)
- (10) Famous (para 2)

III Write the correct medical term.

10X1=10

11). Uro 12). Gyno 13). Patho 14). Neuro 15). Derma 16) TB 17) AIDS

18) BCG 19)Cardio20)Bacteri

IV. E-mail writing 1X5=5

21. Write an e-mail to invite your friends to a family party at Silver Oak Resort on 20 April at 6.00pm in the evening.

${f V.A.}$ Fill in the blanks with appropriate articles and preposition given in bracke	et
(at, the, by, at, for)	1X5=5

VI. Re-arrange the Jumbled Segments to form a sentence.

6X1=6

- 23. many difficulties/The authorities/ the criminal/faced/in dealing with
- 24. of all/are the /centuries/Books/great memory
- 25.the merchant/Gonzalo/in the duel/injured/severly
- 26.the man's head off/find us/can't you/whoa soldier/would cut
- 27.work hard/to pass/ the examination/shall/we
- 28.earth/grow /trees/protect/to/our

VII. Complete the following dialogue (situation based conversation):

4X1=4

[At a tourist place]

29. Guide (greets and offers to help)
30. Mr.Reddy : Horse Shoehill. (enquires)
31. Guide : Sure, Rs.50. (replies)

32. Mr.Reddy (agrees)
33. Guide : Okay Sir, this way please.

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PARAMEDICAL BOARD, BENGALURII

Model Question Paper-2

Subject: ENGLISH DIPLOMA COURSES (FIRST YEAR)

Time: 3:00 Hrs. Max Marks: 100

GENERAL INSTRUCTIONS:

VIII. Give synonyms of the following.

33. Come 34. Have 35. Get 36. Keep 37. Take

(i) The question paper has two parts A and B. Both th(ii) Write the correct question number as it appears on	
SECTION -A	QP Code-4107
I. Write an ESSAY on any one of the following in about	t 250 words. 15X1=15
1. AIDS	
2. Eye donation	
II. Use the following Idioms/Phrases in sentences of your 3. Penny wise pound foolish.	r own. 5X1=5
4. A sleeping fox catches no poultry.	
5. A new broom sweeps clean.	
6. Cut your coat according to your cloth.	
7. Birds of the same feather flock together.	
III. Change the following into indirect speech	5X1=5
8. The teacher said, -Hitler became the Chancellor of Ge	
9. Anitha said, "I am not free".	, , , , , , , , , , , , , , , , , , ,
10. The officer said, "some animals have been saved".	
11. "Will you follow me to the village"? Ravi asked me.	
12. Raghu said. "Please lend me some money".	
IV. Change the voice of the following.	5X1=5
13. My sister will cook dinner tonight.	
14. This group can sing this song today.	
15. The guests are taking food in a big hall.	
16. Nina is making a bouquet of roses.	
17. People believe everything that appears in newspapers.	
V. Write the opposites for the following	5X1=5
18. Cheap	
19. Bless	
20. Float	
21. Honest	
22. Hell	
VI. Fill in the blanks with the suitable prepositions.	5X1=5
23. A book is the table.	
24. Rita is fondmusic.	
25. Sunitha is taller her brother.	
26. The class will begins10'O Clock.	
27. She is talking her Father.	
VII. Filling the blanks with articles.	5X1=5
28. Bangalore isbig city. 29 Meena is	
30. Milan isM.L. A. 31stars are i	ın sky.
32. I will sendSMS to you.	

5X1=5

I. Answer any One (Letter Writing).

1X10=10

10

- 1. Write a letter to your Principal requesting to organize a scientific meet.
- 2. Write a letter to your friend inviting him to attend the "Inaugural function" of your college day.

II. Read the following passage carefully and answer the questions that follow.

- (1). The rust-coloured, tiled mansion stood majestic in isolation. It was a two storeyed, palatial bungalow with spacious rooms, high ceilings, beautifully painted walls and aesthetically appealing architecture, grill windows and ornamental doors. A Hindu undivided family consisting of around twenty-five members had lived there for three decades. The walls of the building had echoed with the laughter of the children and the entire structure had been mute spectator to the gaiety and sorrow, the victories and defeats of its adult members.
- (2) But whither have they gone? Why have they fled this home? What has inexorably forced them to hunt for a haven yonder?
- (3) Obviously it was the collapse of a strong, uniting thread that had held them together. The stocky, but tough old man who had headed this group passed away a year ago. And disintegration set in, as his dear sons were torn asunder by a multitude of passion that they could not surmount.
- (4) The search began, therefore for separate dwelling for each of the sons. Nuclear family was preferred to the old joint family system.
- (5) However the old building continued to haunt them like a passion. Again and again his children and grandchildren would trek long distances to have a glimpse of the building they had once lived in and called their own. The majestic edifice would fill them with nostalgia and tears would well in their eyes at the thought of their dear old parent who had once ruled there with a loving but firm hand.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) Mention any one expression that describes the beauty of the mansion.(1)
- (4) Who lived in the mansion'? (1)
- (5) How long did the family live there? (1)
- (6) What had been the mansion a mute spectator to? (1) 1X4=4
- (7) Who is referred to as 'uniting thread'? (2)
- (8) The old man's children preferred nuclear family to ? (2) 2X2=4
- (B) Find the words from the passage which mean the same as the following: 1X2=2
- (9) Sorrow (para 1)
- (10) Collapse (para 3)

III Write the correct medical term.

10X1=10

- 11). Hepa 12). Gyne 13). Cardi 14). Endocri 15). Andr 16) Gastro 17) Immu
- 18) Neph 19) Neu 20) Onco

IV. E-mail writing

1X5=5

21. Write an e-mail to attend the meeting of the staff at ll'o clock in the office chamber.

A. Fill in the blanks with appropriate articles and preposition given in bracket he, of, to, in, around)	5=5
2) George Bernard was a mantaste. He likedhave beautiful ingshim. He was firm pinion that literature and beauty were both qually necessarylife.	
I. Re-arrange the Jumbled Segments to form a meaning sentence. 6X	1=6
3. like/I/you.	
l. sister/has/my/got/ a dog	
5. must/the book/read/you	
6. eat/in winter/ice-cream/do/not	
7. not/now/she/in England/is	
3. feed/you/my/cat/can	
II. Complete the following dialogue (situation based conversation):	4=4
P. Rajani : Good Morning, Sanath.	
O. Sanath (Greets)	
. Rajani in this new dress (compliments)	
2. Sanath : Thank You.	
3. Rajani ? (Seeking information)	
1. Sanath : Yes, I am going to present my paper in the conference tomorrow.	
5. Rajani ,(takes leave)	

PARAMEDICAL BOARD, BENGALURU

Model Question Paper-3

Subject: **ENGLISH**DIPLOMA COURSES (FIRST YEAR)

Time: 3:00 Hrs. Max Marks: 100

GENERAL INSTRUCTIONS:

(i) (ii)			
		Code-4107	
I. Wı	rite an ESSAY on any one of the following in about 300 words.	15X1=15	
1. Fi	rst Aid		
2. Tu	berculosis		
	se the following Idioms/Phrases in sentences of your own. black sheep.	5X1=5	
	red letter day		
	ack up.		
	all one's name.		
	ve the slip.		
	•	5X1=5	
	Change the following into indirect speech e said to you, "What is the price of this tray"?	3A1-3	
	Where was Alka when the telephone rang"? They said to him.		
	The guest said, "Why is the room so stuffy"?		
	Do you practice regularly"? said the coach to the athlete.		
	When can you meet me"? Anand asked his daughter.		
	Change the voice of the following.	5X1=5	
	Ram is practicing yoga.		
	Shobha was learning typing.		
	have warned you this time.		
	Bring a chair.		
	Send him in.		
v. w	Vrite the opposites for the following	5X1=5	
	Friend		
19. (Gentle		
20. F	Heavy		
21. N	Never		
22. T	Temporary.		
VI. I	Fill in the blanks with the suitable prepositions.	5X1=5	
	His house is the river.		
24. F	Ravi went his mother		
25. 7	The little but is the tank.		
26. I	He comes once a week.		
27. <i>A</i>	Anish met Rahul5'O clock in the evening.		
VII.	Fill in the blanks with articles.	5X1=5	
28. I	Delhi isbig city. 29 Asha is beautiful girl.		
	Get meapple. 31. I am proud to be Indian.		
32	Odyssey is an epic.		
VIII	. Give synonyms of the following.	5X1=5	
33. I	Run 34.Hide 35.Move 36. Do 37. Use		

I. Answer any One (Letter Writing).

1X10=10

- 1. Write a letter to your Principal requesting to grant two days leave as you are going to Bangalore.
- 2. Write a letter to your friend telling him/her about your paramedical course.

II. Read the following passage carefully and answer the questions that follow.

10

- (1). It so happened that a polyglot visited the court of Sri Krishnadevaraya. He told the king that he could read, write and speak impeccably in 18 languages. He challenged the court and asked them to identify is mother tongue.
- (2) Scholars in various languages were summoned and were asked to hold a dialogue with the guest. Each one of them had a personal interview with the said scholar. They found for themselves that the multi linguist was claiming nothing but the truth. Yet, the challenge was a matter of prestige to the reigning king. He turned to his intelligence court jester Tenali Rama to find a solution.
- (3) Accordingly, Tenali Rama waited for the scholar to retire for the night. When the polyglot was in deep slumber. Tenali Rama threw some cold water over him. Almost immediately the shocked sleeping man awoke and shouter,"Evvera Vadu" Tenali Rama sneaked away from the scene only to tell the king that the mother tongue of the scholar happened to be Telugu.
- (4) This little story is a pointer to the fact that no matter how many languages we might learn and master in life, our mother tongue stands supreme and foremost for it is embedded in our psyche ever since the day we are born.
- (5) We learn our mother tongue from our parents and immediate family and neighbors in the aural of Shravana mode. We are never sensitized to any aspect to grammar when we learn the language. We grasp aspects of syntax, vocabulary, grammar and pronunciation merely by being exposed to it day after day throughout the formative years of our life.
- (6) Despite all this, most urban children have lost sight of their mother tongues. Mixed marriages, nuclear families, the need to study in school of different medium due to relocation of families from their native places can be identified as root cause of this trend.
- (7) India is a country of several such languages, most of which are still alive. We can interpret our glorious literature, tradition, culture arts and architecture better because they share an invisible link with the associated language. A little effort and utilization of modem technology and media coupled with human effort can keep the link to languages alive and pass them on to posterity.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) What was the challenge posed by the polyglot to the scholars of Krishnadevaraya? (1)
- (4) Who did the king ask to find solution to the challenge of the scholar? (1)
- (5) Name the mother tongue of the scholar. (1)

1X4 = 4

- (6) Who do we learn our mother tongue from? (1)
- (7) Why is one's mother tongue always supreme and foremost of all languages? (2)
- (8) What did Tenali Rama use to find out the mother tongue of the multilinguist? (2) 2X2=4
- (B) Find the words from the passage which mean the same as the following: (1X2=2)
- (9) Cold water (para3)
- (10) Supreme (para 4)

10X1=10 III Write the correct medical term. 14).Epidemo 15).Physio 16) Pedia 17) Cardio **11).** Uro 12). Cyto 13). Histo 18) Cyto 19) Embryo 20) Haema IV. E-mail writing 1X5=521. Write an e-mail to your friend about your new college V.A. Fill in the blanks with appropriate articles and prepositions given in bracket (**a, with,** an, a, to) for? 1X5=5 (22) Once upon......time.....elephant made friendship.....a man. One day heavy thunderstorm broke out, the elephant went.....his friend for help. 6X1=6VI. Re-arrange the **Jumbled** Segments to form a meaning sentence. 23. always/I/a/lot/eat. 24. the /broke/who/window 25. before/well/shake/use 26. still/we/understand/do/not 27.told/she/only/him/once 28. going/you/are/Tumkur/today/to. VII. Complete the following dialogue (situation based conversation): 4X1 = 429. Ranganna : Good Morning, Sir. 30. Teacher (Ask permission to enter the class) 31. Ranganna 32 Teacher : Come in, have you brought the C.D. that I asked for? 33. Ranganna : Yes Sir, here it is. 34. Teacher (Expresses Gratitude). 35. Ranganna ,(Responds to the Gratitude). * * * * * * * * * * * * *

PARAMEDICAL BOARD, BENGALURU

Max Marks: 100

Model Question Paper-4

Subject: ENGLISH DIPLOMA COURSES (FIRST YEAR)

Time: 3:00 Hrs.

GENERAL INSTRUCTIONS: (i) The question paper has two parts A and B. Both the parts are compulsory. Write the correct question number as it appears on the question paper. (ii) **SECTION -A OP Code-4107** 15X1=15 I. Write an ESSAY on any one of the following in about 300 words. 1. Dengue 2. Eye Donation II. Use the following Idioms/Phrases in sentences of your own. 5X1=53. A bed of roses. 4. A snake in the grass 5. Bell the cat. 6. Cock and bull stories. 7. Fall out. 5X1=5 III. Change the following into indirect speech **8.** "Take this man out", he ordered. 9. "Get Tapan of class V." the headmaster said to them. 10. They had gone away. 11 Anju said to Anu "Which dress did you send to the Landry"? 12. `Smitha writes very well,' said her friend IV. Change the voice of the following. 5X1=5 13. Ravi is practicing Guitar. 14. Flowers are sold by the girls. 15. Children were loved by Nehru. 16. Help the poor. 17. Did you meet Anand? 5X1=5V. Write the opposites for the following 18. Success 19. True 20. Heavy 21. Public 22. Sunrise. 5X1=5VI. Fill in the blanks with the suitable prepositions. 23. Amax is looking.....a job. 24. He sat..... the chair. 25. There is some milk..... the fridge. 26. She was hiding.....the table. 27. The cat jumped..... the counter VII. Fill in the blanks with articles. 5X1=5 28. Vanitha is looking for......job. 29 Radha is in.....class. 31. He is.....youngest son in the family. 30. Could you close.....door, please? VIII. Give synonyms for the following. 5X1=5

37. Kill

33. Break 34. Destroy 35.Fall 36. Cut

I. Answer any One (Letter Writing).

1X10=10

10

- 1. Write a letter to your Principal requesting to 'grant five days leave' as you are going to Bangalore.
- 2. Write a letter to your parents telling them about the hostel facilities in your college.

II. Read the following passage carefully and answer the questions that follow.

- (1). There was once a king of Scotland whose name was Robert Bruce. He needed to be both brave and wise, for the times in which he lived were wild and rude. The king of England was at war with him, and led a great army into Scotland to drive him out of the land. Battle after battle had been fought. Six times had Bruce led his brave little army against foes and six times had his men beaten and driven into fight. At last his army was scattered and he was forced to hide himself in the woods and in lonely places among the mountains.
- (2) One rainy day, Bruce lay on the ground under a rude shed, listening to the patter of the drops on the roof above him. He was tired and sick at heart and ready to give up all hope. It seemed to him that there was no use for him to try to do anything more.
- (3) As he laid thinking, he saw a spider over his head, making ready to weave her web. He watched her as she toiled slowly and with great care. Six times she tried to throw her frail thread from one beam to another and six times it fell short "poor thing!" said Bruce. 'You too, know what it is to fail'.
- (4) But the spider did not lose hope with the sixth failure. With still more care, she made ready to try for the seventh time. Bruce almost forgot his own troubles as he watched her swing herself out upon the slender line. Would she fail again? No! the thread was carried safely to the beam and fastened there.
- (5) I too will try a seventh time! cried Bruce.
- (6) He arose and called his men together. He told them of his plans and sent out with messages of cheer to his disheartened people. Soon there was an army of brave Scotchmen around him. Another battle was fought and king of England was glad to go back into his own country.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) Who was the king of Scotland? (1)
- (4) How was the time in which the king lived? (1)
- (5) Who was Robert Bruce fighting against? (1) 1X4=4
- (6) How many times did Bruce fight against his foes? (1)
- (7) What did Bruce see while he was lying? (2)
- (8) What made Bruce try a seventh time? (2)
- (B) Find the words from the passage which mean the same as the following: (1X2=2)
- (9) Battle (para l)
- (10) Little (para 1)

III Write the correct medical term.

10X1=10

2X2 = 4

- 11). Ophtha 12). Patho 13). Ser 14).0talary 15).Podia 16) Psychi 17) Rheuma
- 18) Radio 19) Toxic 20) Haema

IV. E-mail writing 21. Write an e-mail to yo	our friend about your new office	1X5=5
V.A. Fill in the blanks (of, a, for, to , in)	with appropriate articles and prepositions given in bracket	1X5=5
	acresit. a village. He grew ragiitsellthe market. Where he could get good money	
VI. Re-arrange the Jun	nbled Segments to form a meaning sentence.	6X1=6
23. French/I/speak		
24. buy/milk/he/wants/to		
25. sell/flowers/we		
26. hates/dogs/she		
27.film/saw/we/a		
28. is/what/name/your?		
VII. Complete the follo	owing dialogue (situation based conversation):	4X1=4
29. Monica	! Are you related to Dixit?	
30. Vidya	(Greets), Yes, he is my Cousin	
31. Monica	(Compliments)	
32 Vidya	(Reply for the compliment).	

PARAMEDICAL BOARD, BENGALURU

Model Question Paper-6

Subject: ENGLISH

FIRST YEAR DIPLOMA COURSES

Time: 3:00 Hrs. Max Marks: 100 **GENERAL INSTRUCTIONS:** (i) The question paper has two parts A and B. Both the parts are compulsory. (ii) Write the correct question number as it appears on the question paper. **SECTION -A** 15X1=15 I. Write an ESSAY on any one of the following in about 300 words. 1. Snake Bite 2. Role of Technicians in Hospitals II. Use the following Idioms/Phrases in sentences of your own. 5X1=5 3. Up to the mark 4. Kick up the bucket 5. Childs play. 6. Fool's Paradise. 7. Drop off. III. Change the following into indirect speech 5X1=5 8 He said to you, "What is the price of this tray"? 9. "Get Akhil of class V," the headmaster said to them. 10. The officer said, "Some animals have been saved". 11. "Will you follow me to the village"? Ravi asked me. 12. Ram said, "Please lend me some money". 5X1=5 IV. Change the voice of the following. 13. Rakesh is practicing yoga. 14. Sushma was learning typing. 15. I have warned you this time. 16. Bring a chair. 17. Send him in. 5X1=5V. Write the opposites for the following 18. Come 19. Teacher 20. End 21. Ladies 22. Boy. VI. Fill in the blanks with the suitable prepositions. 5X1=5 23. She lives.....her workplace. 24. He goes to work..... train. 25. She drew the picture..... a crayon. 26. He swam.... the lake. 27. 1 walked..... the street. VII. Fill in the blanks with articles. 5X1=528. Did you bring.....umbrella? 29. Are you looking for..... shampoo? 30. I checked.....mailbox again. 31. Can I have..... spoon please? 32. I was born poor family.. 5X1=5 VIII. Give synonyms of the following.

33. Run 34.Hide 35.Move 36. Do 37. Use

I. Answer any One (Letter Writing).

1X10=10

10

- **1.** Write a letter to your Principal requesting to grant two days leave as you are going to Bangalore.
- 2. Write a letter to your parents telling them about your paramedical course.

II. Read the following passage carefully and answer the questions that follow.

- (1) The Bet" is a short story written by Anton Chekov, He is a Russian short story writer and playwright. It is the story of the bet between a banker and a young lawyer.
- (2) The banker had given a party. In the party, there were people from different walks of life. While they were talking about capital punishment, many guests disapproved of the death penalty. They opined that death penalty ought to be replaced by imprisonment of life. But the banker said that imprisonment of life is no better than death penalty. The only difference is the death penalty kills a man at once whereas imprisonment kills the man slowly. The young lawyer said that he would prefer life imprisonment to death sentence, because, to live anyhow is better than not at all.
- (3) The banker challenged the young lawyer and said that he would bet two millions if the young man could spend 5 years in solitary confinement. The young man said that instead of 5 years he would spend 15 years in solitary confinement.
- (4) Two millions was nothing to the banker. He was very confident that the young man would not stay in the confinement for more than 4 or 5 years, and so entered into an agreement with the young man. According to the agreement except talking to other humans, the young would be provided with whatever he needs in his solitary confinement and the slightest attempt on the part of the young man to violate the conditions, if any two minutes before the end, would release the banker from the obligation to pay him two millions.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) Who is the author of the short story The Bet"?.(1)
- (4) What is this story is about? (1)

1X4 = 4

- (5) Who disapproved the death penalty? (1)
- (6) How much money did the banker bet? (1)

2X2 = 4

- (7) Why did the young lawyer prefer life imprisonment to death sentence? (2)
- (8) According to the bet, the young layer had to stay for years in

years in solitary confinement (2)

(B) Find the words from the passage which mean the same as the following: (1X2=2)

(9) Short (para 1)

(10) Lawyer (Para 1,2 and 3)

III Write the correct medical term.

10X1=10

11). Hepa 12). Clyne 13). Cardi 14). Endocri 15). Andr 16) Gastro 17) Immu

18) Neph 19) Neu 20) Onco

IV. E-mail writing

1X5=5

21. Write an e-mail to attend the meeting of the staff at l'o clock in the office meeting hall.

V.A. Fill in (of, a, to ,in,	the blanks with appropriate articles and preposition given in bracket of)	1X5=5
	er ownedpieceland in a village. He grew paddy agspaddysell in the market.	it.
VI. Re-arran	age the Jumbled Segments to form a meaning sentence.	6X1=6
23. waits/for	/time/and /none/tide	
24. race/slow	v/wins/and/the/steady	
25 liked/you	i.	
26. sister/has	s/my/got/ a dog	
	nter/ice-cream/do/not	
28. buy/milk/	/he/wants/to	
VII. Comple	ete the following dialogue (situation based conversation):	4X1=4
20 Pain	: Good Morning, Shanth.	
	: (Greets)	
31. Raja	in this new dress (compliments)	
32. Shanth	: Thank You.	
33. Raja	? (Seeking information)	
34. Shanth	: Yes, I am going to present my paper in the conference tomorrow.	
35. Raja	,(takes leave)	

PARAMEDICAL BOARD, BENGALURU

Model Question Paper-5

Subject: ENGLISH

FIRST YEAR DIPLOMA COURSES

Time: 3:00 Hrs Max Marks: 100 **GENERAL INSTRUCTIONS:** (i) The question paper has two parts A and **B.** Both the parts are compulsory. Write the correct question number as it appears on the question paper. (ii) **SECTION -A QP Code-4107** 15X1=15 I. Write an ESSAY on any one of the following in about 300 words. 1. Malaria 2. Polio II. Use the following Idioms/Phrases in sentences of your own. 5X1=53. Keep an eye on. 4. Put up with 5. Up in arms. 6. Cock and bull stories. 7. Take to one's heels. III. Change the following into indirect speech 5X1=58. Nisha said, 'I am returning to Nagpur next Friday' 9. "Get Tapan of class V," the headmaster said to them. 10. The birds are flying away, 'Anitha says. 11 Anju said to Anu "Which dress did you send to the Landry"? 12. I said to the man, 'you can keep your books in the room' IV. Change the voice of the following. 5X1=5 13. The antique was stolen. 14. We can repair this toaster easily. 15. Children were loved by Nehru. 16. The dogs have not been fed today. 17. Our girls won many prizes. V. Write the opposites for the following 5X1=5 18. Dry 19. Master 20. Begin 21. Lady 22. Best. VI. Fill in the blanks with the suitable prepositions. 5X1=523. She lost her ring.....the beach. 24. The book belongs.....Anthony. 25. They were sitting.....the tree. 26. We are running.....the gym today. 27. The sun is.....the clouds. VII. Filling the blanks with articles. 5X1=5 28. The horse jumped over......fence. 29 Every seat in the bus as.....number. 30. Once upon.....time 31. **He** is.....elder son in the family. 32. My friend is having.....car. VIII. Give synonyms of the following. 5X1=5

33. Fly 34. Decide 35. Help 36. Plan 37. Show

1X10=10

- 1. Write a letter to your Principal requesting to grant permission to celebrate teachers' day in the college.
- 2. Write a letter to your brother to concentrate on his studies as exams are very near.

II. Read the following passage carefully and answer the questions that follow.

- (1). When you see geese heading for the winter, flying along in a 'V' formation, you might consider that science has discovered about why they fly that way. As each bird flaps its wings, it creates uplift for the bird immediately following. By flying in the 'V' formation the whole flock adds at least 71 percent greater flying range than if each bird flew on its own.
- (2) People who share a common direction and sense of community can get where they are going more quickly and easily, because they are travelling on the thrust of one another. When goose falls out of formation, it suddenly feels the drag and resistance of trying to go alone and quickly gets back into formation to take advantage of the lifting power of the bird in front. If we have as much sense as a goose we will stay in formation with those people who are headed the same way we are.
- (3) When the head goose gets tired, it rotates back in the wind and another goose flies point. It is sensible take turns during demanding fobs, whetherwith people or with geese flying south.
- (4) Geese honk from behind to encourage those up to keep their speed. Finally and this is important when a goose gets sick or is wounded by guns shot and fall out of formation, two other geese fall out with that goose and follow it down to lead help and protection. They stay until it is able to fly or until it dies and only then they launch out on their own, or with another formation to catch up with their group. If we too have the same sense as of a goose. We too will stand by each other with integrity and make this earth a better place to live.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3 In which formation do the geese fly? (1)
- (4) What does the flapping of the wings by the geese create? (1)
- (5) How does a goose feel when it falls out of formation? (1) 1X4=4
- (6) When does the head goose rotate back in its wing? (1)
- (7) Till when do the other geese stay with the wounded goose? (2) 2X2=4
- (8) Who accompanies the sick or wounded goose down to help it? (2)
- (B) Find the words from the passage which mean the same as the following: (1X2=2)
- (9) Quickly (para 2)
- (10) Behind (Para 4)

III Write the correct medical term.

10X1=10

- 11). Uro 12). Gyno 13). Patho 14). Neuro 15). Derma 16) TB 17) AIDS
- 18) BCG 19) Cardio 20) Bacteri

IV. E-mail writing

1X5=5

21. Write an e-mail to your friends inviting them to your birthday party on 12 of June in your house.

V.A. Fill in the b (of, a, to ,of, arou		ppropriate articles and preposition given in brack	tet 1X5=5
		taste. He likedhave beautiful things pinion that literature and beauty are necessary in life.	•••••
VI. Re-arrange t	he Jumbled	Segments to form a meaning sentence.	6X1=6
26. lovely/city/is/ 27.film/saw/we/a/ 28. always/me/rer	s/and/the/ste eginning/of/p Verona/a /yesterday nember/frien	ady page/the/name/at/the	4X1=4
29. Old woman 30. Young man 31. Old woman 32 Young man	: Certainly,	help me to cross the road? (asking for help)	

PARAMEDICAL BOARD, BENGALURU

Model Question Paper-7 Subject: ENGLISH

FIRST YEAR DIPLOMA COURSES

Time: 3:00 Hrs. Max Marks: 100 **GENERAL INSTRUCTIONS:** (i) The question paper has two parts A and B. Both the parts are compulsory. (ii) Write the correct question number as it appears on the question paper. **SECTION -A OP Code-4107** 15X1=15 I. Write an ESSAY on any one of the following in about 300 words. 1. Blood donation 2. Epidemic diseases II. Use the following Idioms/Phrases in sentences of your own. 5X1=5 3. Piece of cake. 4. A hot potato. 5. Once in a blue moon. 6. Zip your lip. 7. Call back. III. Change the following into indirect speech 5X1=5 8 "Take this man out", he ordered. 9. "What a huge hill it is!" The traveler said. 10. The officer said, "Some children have been saved from the fire". 11. "How fast he drives the car! "She said. 12. Ramesh said, "Please lend me some books". 5X1=5 IV. Change the voice of the following. 13. My brother gave him many books 14. Sushma was learning typing. 15. I have warned you this time. 16. Bring a table. 17. Send him out. 5X1=5V. Write the opposites for the following 18. Angry 19. Bitter 20. Master 21. Happy 22. Former. 5X1=5 VI. Fill in the blanks with the suitable prepositions. **23.** We located the key.....the door. 24. She drove.....the store. 25. The car went..... the tunnel. 26. 1 got a package.....a friend. 27. 1 have liked that song......1999. VII. Fill in the blanks with articles. 5X1=528. She will come back in......hour.29. The helicopter landed on.....roof of a building. 30. Are you looking for......shampoo? 31. I checked.....mailbox again. 32. I was bornpoor family

5X1=5

VIII. Give synonyms of the following.

33. Blank 34. Center 35. High 36. New 37. Old

10

I. Answer any One (Letter Writing).

- 1. Write a letter to your Principal requesting to grant two days leave as you are going to Mysore for your brother's marriage.
- 2. Write a letter to your friend inviting him/her to your birthday.

II. Read the following passage carefully and answer the questions that follow.

- (1) The art of academic writing is not easy to master. It is a formal skill, which requires precision and accuracy, and is perfected by continuous and dedicated practice. Academic writing is the skillful exposition and explanation of an argument, which the writer has carefully researched and developed over a sustained period of time. It is a time-consuming activity and demands patience and perseverance. But the joy of reading and sharing with others, one's succinctly composed piece of argument, is incomparable
- (2) Before beginning to write, the writer must ask himself a few questions Why am I writing? What is it that I intend to share with others? What purpose will my writing serve? Have I read enough about the topic or theme about which I am going to write? If one is hesitant to answer even one of the aforementioned questions, one better not write at all! Because academic writing is a serious activity it makes one part of a shared community of readers and writers who wish to disseminate and learn from well-argued pieces of writing.
- (3) The structure of an argumentative essay should take the form of Introduction (which should be around ten percent of the entire essay), Body (it should constitute eighty percent of the piece) and the Conclusion (again, ten per cent of the essay). The introduction should function as the hook which draws the reader in and holds his attention, the body should include cogent and coherently linked paragraphs and the conclusion should re-state the argument and offer a substantial ending to the piece.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) What is academic writing? (1)
- (4) Academic writing is a skill which requires and (1) 1X4=4
- (5) Why is reading an important part of writing? (1)
- (6) What is this story is about? (1)
- (7) Why should one ask oneself the questions mentioned in the second Para? (2) 2X2=4
- (8) What are the components of the structure of an argumentative essay? (2)
- (B) Find the words from the passage which mean the same as the following: (1X2=2)
- (9) Enough (Para 2)
- (10) Wish (Para 2)

III Write the correct medical term.

10X1=10

- 11). Pharmaco 12). Proct 13). Cardi 14). Uro 15). Viro 16) Gastro 17) Cyto
- 18) Pulmo 19) Toxi 20) Radi

IV. E-mail writing

1X5=5

21. Write an e-mail to your friends to attend the birthday party of your son on 12th June at 10'o clock in the hotel Amar.

V.A. Fill in the blanks with appropriate articles and preposition given in bracket (at, a, the ,at, of) 1X5=5(22) There was party the club house. There were hundreds people in that party. The party started......12 p.m. We all enjoyed.....party. VI. Re-arrange the Jumbled Segments to form a meaning sentence. 6X1=6 23. you/depend/1/ upon 24. mother/went/Ravi/his/with 25 once/comes/he/week/a 26. punish/shall/you/I 27. eat/in winter/ice-cream 28. buy/ a cow/he/wants/to V11. Complete the following dialogue (situation based conversation): 4X1=4: I am not feeling well. I cannot attend the exam. 29. Ravi 30. Abhi you can take rest (expresses sympathy) 31. Abhi (offers help) (expresses gratitude) 32. Ravi 33. Abhi : I wish you speedy recovery. (takes leave) **** *** ***

PARAMEDICAL BOARD, BENGALURU

Model Question Paper-8

Subject: ENGLISH

DIPLOMA COURSES FIRST YEAR

Max Marks: 100 Time: 3:00 Hrs. **GENERAL INSTRUCTIONS:** (i) The question paper has two parts A and B. Both the parts are compulsory. (ii) Write the correct question number as it appears on the question paper. **SECTION -A OP Code-4107** 15X1=15 I. Write an ESSAY on any one of the following in about 250 words. 1. Malaria 2. Polio II. Use the following Idioms/Phrases in sentences of your own. 5X1=53. Piece of cake 4. To burn the midnight oil. 5. A hard nut to crack. 6. Zip your lip. 7. In the air. III. Change the following into indirect speech 5X1=5 8. Nisha said, "I am returning to Nagpur next Friday" 9. "Get Tapan of class V," the headmaster said to them. 10. The birds are flying away, "Anitha says. 11 Anju said to Anu "Which dress did you send to the Landry"? 12. I said to the man, 'you can keep your books in the room' IV. Change the voice of the following. 5X1=513. The antique was stolen. 14. We can repair this toaster easily. 15. Children were loved by Nehru. 16. The dogs have not been fed today. 17. Our girls won many prizes. V. Write the opposites for the following 5X1=5 18. Dry 19. Master 20. Begin 21. Lady 22. Former. 5X1=5 VI. Fill in the blanks with the suitable prepositions. 23. He goes to worktrain. 24. She drew the picture..... a crayon. 25. He swam..... the lake. 26. I walked..... the street. 27. We located the key..... the door. VII. Fill in the blanks with articles. 5X1=5The horse jumped overfence.29 Every seat in the bus asnumber. 31. He is.....elder son in the family. 30. Once upon.....time 32. My friend is having.....car.

37. Show

5X1=5

VIII. Give synonyms of the following.

33. Fly 34. Decide 35.Help 36. Plan

1X10=10

10

- 1. Write a letter to your Principal requesting to grant permission to celebrate college day in the college.
- 2. Write a letter to your sister to concentrate on her studies as exams are very near.

II. Read the following passage carefully and answer the questions that follow.

- (1) The issue of road rage requires serious attention. Day by day, it is becoming a great concern. Call it the negligence of the government or the rashness of the drivers, the underlying fact is that at the end of the day, the common man is the one who suffers the most. The commoner driving a two-wheeler who is hit by a speeding SUV, even though the former was following the traffic rules, has nowhere to go in order to seek redressal for his grievances or his injury. A recent case in point is the accident caused by the speeding luxury car owned by HemaMalini. A family of four driving a modest Alto was hit by the over speeding car driven by the actress's driver. It resulted in the death of the youngest child of the family and several injuries to the other family members. To add insult to injury, Malini posted negative comments on a famous social networking website.
- (2) Part of the problem lies with the attitude and mentality of the driver behind the steering wheel. The car is a personal vehicle and one possesses the freedom to drive it independently and at one's own will. But one must understand that the road on which one drives is open to the public. This blurring of the dichotomy between the public and the private leads to reckless behavior on the roads. Respect for the elderly and pedestrians, so common in countries abroad, is a thing of rarity to be found in our land. A little consideration to road rules and adoption of simple safety measures such as fastening of the seat belt can go a long way in reducing this menace.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) Suggest a suitable title to the passage. (1)
- (4) What is this story is about? (1)
- (5) What should the driver understand? (1)

1X4=4

- (6) Who is the famous actress mentioned in this passage? (1)
- (7) Why does the common man suffer grievously in instances of road rage?
- (8) What is the solution to this problem of road rage?
- 2X2=4

(2)

- (B) Find the words from the passage which mean the same as the following: (1X2=2)
- (9) Abroad (Para2)
- (10) Freedom (Para 2)

III Write the correct medical term.

10X1=10

- 11). Uro 12). Cyto 13). Histo 14). Epidemo 15). Physio 16) Pedia 17) Cardio
- 18) Cyto 19) Embryo 20) Haema

IV. E-mail writing

1X5=5

21. Write an e-mail to your friend telling him/her about your new college.

V.A. Fill in the blanks with appropriate articles and preposition given in bracket 1X5=5(to, at, a, by, in) (22) She always reads......having tea and she will go......8'o clock in the evening. VI. Re-arrange the Jumbled Segments to form a meaning sentence. 6X1=6 23. be/going/home/I/ must 24. have/I/sickness/travel. 25. you/nice/meet/to 26. trouble/sorry/the/for 27. love/English/I 28. language/are/hundreds/there/functions/of VII. Complete the following dialogue (situation based conversation): 4X 1=4 29. Jyothi Kavitha (Greetings). 30. Kavitha: (Reply for greeting) : You are looking pretty in this new dress (compliments) 31. Jyothi 32. Kavitha: (reply for compliments) Today is my birthday. 33. Jyothi : Wish you happy birthday. 34. Kavitha: (expresses gratitude). 35. Jyothi : Ok bye Kavitha. 36. Kavitha : Bye Jyothi.

PARAMEDICAL BOARD, BENGALURU

Model Question Paper-9

Subject: ENGLISH

FIRST YEAR DIPLOMA COURSES

Time: 3:00 Hrs. Max Marks: 100 GENERAL INSTRUCTIONS: The question paper has two parts A and B. Both the parts are compulsory. (i) Write the correct question number as it appears on the question paper. (ii) SECTION -A **OP Code-4107** I. Write an ESSAY on any one of the following in about 250 words. 15X1=15 1. First Aid 2. Tuberculosis 5X1=5II. Use the following Idioms/Phrases in sentences of your own. 3. A black sheep. 4. A red letter day 5. Back up. 6. Call one's name. 7. Give the slip. III. Change the following into indirect speech 5X1=58. Asha said, 'I am returning to Nagpur next Saturday'. 9. 'The birds are flying away, 'Kavitha says. 10. 'If I see Jai, I shall certainly bring him here,' said Dr.Ramesh. 11. 'Helen writes very well,' said her friend. 12. I said to the man, 'you can keep your books in the room'. IV. Change the voice of the following. 5X1=513. Our boys won many prizes. 14. Ramesh gave her those books. 15. He plays cricket well. 16. The children are eating Mangoes. 17. The doctor will ask us many questions. V. Write the opposite of the following 5X1=518. Success 19. True 20. Heavy 21. Public 22. Sunrise VI. Fill in the blanks with the suitable prepositions. 5X1=5 23. I will come.....an hour. 24. I depend.....you. 25. I met him......11.00 in the morning. 26. She is walking.....the M.G. Road. 27. The sun sets.....the east. VII. Filling the blanks with articles. 5X1=528. She is......young girl. 29. I am.....student of this college. 30. I am.....Kannadiga. 31. stars are in sky. 32. I read.....lesson.

5X1=5

VIII. Give synonyms of the following.

33. Earn 34. Admit 35. Dread 36. Smell 37. Riot

I. Answer any One (Letter Writing).

1X10=10

- 1. Write a letter to your Principal requesting to grant 2 weeks leave as you are going to Bombay.
- 2. Write a letter to your friend telling him/her about your paramedical course.

II. Read the following passage carefully and answer the questions that follow. 5X2=10

- (1). Today's world can truly be called a "society of the spectacle", a phrase that the French sociologist and thinker Guy de Bord used decades earlier. Every act of lived experience has today become a spectacle. It would be a little incorrect to say that this craze for spectacleizing everything that occurs around us is a recent phenomenon. If one had watched "The Pirates of The Caribbean" movies, one would realize that even in the late eighteenth century, executions were public events a large portion of the populace would gather around the site of the hanging in the city square in order to see justice being meted out in front of their very own eyes. It was also a form of popular entertainment. It was a sort of a collective public blood-letting.
- (2) The spectacle that the contemporary society has become is an overwhelming experience. One enters into a restaurant, orders an exotic dish but the proof of having eaten it doesn't exist until tons of photographs are clicked from varied angles and shared on social networking sites, one goes for a holiday to a calm and serene location, but is all the while busy telling the world about it. It as if one has to document every moment of one's existence. When does one live that moment then? Perhaps it is in the documentation that one survives these days!
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) What is the "Society of the spectacle"? (1)
- (4) Is it a recent occurrence? (1)
- (5) Name the movie which is mentioned in this passage. (1)
- (6) Do we really 'live' moments now? (1)
- (7) Besides documents, what is the other function of the spectacle'? (2)
- (8) What is seen in the movie about public events? (2)
- (B) Find the words from the passage which mean the same as the following: (1X2=2)
- (9) Today (Para 1)
- (10) Restaurant (Para 2)

III Write the correct medical term.

10X1=10

11). Uro 12). Cyto 13). Histo 14). Epidemo 15). Physio 16) Pedia 17) Cardio

18) Cyto 19) Embryo 20) Haema

IV. E-mail writing 1X5=5

21. Write an e-mail to your friend about your new college friends.

(at, the, by, at, for)			1X5=5
takenh with herh	er father to see the presider	incoln was not very good looking, want the white House. Lind morous way. Suddenly the little girl capital beautiful.	coln chatted
VI. Re-arrange the	Jumbled Segments to for	m a meaning sentence.	6X1=6
23. many difficultie	s/The authorities/ the crimi	nal/faced/in dealing with	
24. of all/are the /ce	nturies/Books/great memor	У	
25.the merchant/Go	nzalo/in the duel/injured/se	verely	
26.the man's head of	f/find us/can't you/wh9A se	oldier/would cut	
27.work hard/to pas	s/ the examination/shall/we	;	
28.earth/grow /trees	protect/to/our		
VII. Complete the	following dialogue (situati	ion based conversation):	4X1=4
29. Guide	(greets and offe	ers to help)	
	Siddaganga Mutt		
31. Guide : Su	re,Rs.50. (re	plies)	
32. Mr. Vasu :	(agrees)		
33. Guide : O	cay Sir, this way please.		

V.A. Fill in the blanks with appropriate articles and preposition given in bracket

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PARAMEDICAL BOARD, BENGALURU

Model Question Paper-10 Subject: ENGLISH

FIRST YEAR DIPLOMA COURSES Max Marks: 100 Time: 3:00 Hrs. **GENERAL INSTRUCTIONS:** (i) The question paper has two parts A and B. Both the parts are compulsory. Write the correct question number as it appears on the question paper. (ii) **SECTION -A OP Code-4107** 15X1=15 I. Write an ESSAY on any one of the following in about 250 words. 1. AIDS 2. Eye donation II. Use the following Idioms/Phrases in sentences of your own. 5X1=53. Penny wise pound foolish. 4. A sleeping fox catches no poultry. 5. Childs play. 6. Fool's Paradise. 7. Drop off. III. Change the following into indirect speech 5X1=5**8** He said to you, "What is the price of this tray"? 9. "Get Akhil of class V," the headmaster said to them. 10. The officer said, "Some animals have been saved". 11. "Will you follow me to the village"? Ravi asked me. 12. Raghu said, "Please lend me some money". 5X1=5 IV. Change the voice of the following. 13. My sister will cook dinner tonight. 14. Sushma was learning typing. 15. I have warned you this time. 16. Bring a table. 17. Send him out. 5X1=5V. Write the opposites for the following 18. Angry 19. Bitter 20. Float 21. Ladies 22. Boy. VI. Fill in the blanks with the suitable prepositions. 5X1=523. She lives.....her workplace. 24. He goes to work..... train. 25. She drew the picture..... a crayon. 26. The class will begins......10' oClock. 27. She is talking..... her Father. VII. Fill in the blanks with articles. 5X1=5 28. Bangalore is......big city. 29. Meena is.....pretty girl. 30. Are you looking for.....shampoo? 31. I checked.....mailbox again. 32. I was bornpoor family

VIII. Give synonyms of the following.

33. Break 34. Destroy 35.Get 36. Help 37. Plan

5X1=5

I. Answer any One (Letter Writing).

1X10=10

- 1. Write a letter to your Principal requesting him to issue Transfer Certificate and Marks Card
- 2. Write a letter to your friend inviting him/her to your birthday.

II. Read the following passage carefully and answer the questions that follow. 5X2=10

- (1) India is a secular, democratic nation. This implies that every religion is treated equally and at par with every other religion. No religion is accorded any preferential treatment of any kind. All citizens are also free to practice, preach or profess any religion of their choosing. The state does not have a unified or homogeneous religious following
- (2) This unique characteristic of India ensures its unity in diversity. India has been the birthplace of several religions and is the land where all these religions such as Hinduism, Christianity, Buddhism, Sikhism, Zoroastrianism, Jainism and so on exist simultaneously, peacefully and harmoniously
- (3) But, some anti-social elements have interpreted the sanctity of religions in a twisted way. No religion preaches violence or rioting. All the religions are but various ways to reach the Supreme Being, they are paths which lead to the ultimate truth and salvation, though we refer to the destination by various names such as Jesus, Krishna, Buddha. Allah and so on. It is important to realize that in order to ensure a peaceful mosaic of cultural distinctness, the path of non-violence or ahimsa, as given by the Father of the nation, must be followed unwaveringly.
- (4) God created man in his own image. Hence, it follows naturally that there is some divinity within all human beings. Thus, to kill and murder in the name of religion is blasphemy. Only once the religious fanatics understand this, will there be perpetual peace in the land.
- (A) On the basis of your reading of the above passage, answer the following questions:
- (3) What is meant by the term 'secular'? (1)
- (4) What is special about India's association with religion? (1)
- (5) Which is a secular, democratic nation? (1)
- (6) Why are human beings divine? (1)
- (7) What are the religions mentioned in the passage? (2)
- (8) How can all religions co-exist peacefully (2)
- **(B)** Find the words from the passage which mean the same as the following: (1X2=2)
- (9) All (Para 1)
- (10) Several (Para 2)

HI Write the correct medical term.

10X1=10

- 11) Cardi 12). Endocri 13). Cardi 14) Endocri 15). Ante 16) Gastro 17) Immu
- 18) Neph 19) Uro 20). Gyno

IV. E-mail writing

1X5=5

21. Write an e-mail to your friend asking about their new college.

V.A. Fill in the blanks with appropriate articles and preposition given in bracket (at, a, the ,at, of) 1X5=5

VI. Re-arrange the Jumbled Segments to form a meaning sentence.

6X1=6

- 23. once/comes/he/week/a
- 24. punish/shall/you/I
- 25. earth/grow /trees/protect/to/our
- 26. write/ your/ beginning/of/page/the/name/at/the
- 27. lovely/city/isNerona/a
- 28. race/slow/wins/and/the/steady

VII. Complete the following dialogue (situation based conversation):

4X1=4

29. Amith : Good Morning, Sumith. 30. Sumith (Greets)

31. Amith in this new dress (compliments)

32. Sumith : Thank You.

33. Amith ? (Seeking information)

34. Sumith : Yes, I am going to present my paper in the conference tomorrow.

35. Amith ,(takes leave)

Para Medical Board Bangalore Model Question paper 11 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100

i) The question paper has two parts A & B Both are compulsory
 ii) Write the correct question number as it appear on the question paper

Section -A QP Code-4107 I Write an Essay on anyone of the following in about 250 words $15 \times 1 = 15$ 1. Dental hygiene 2. Prevention is better than cure II Use the following idioms/Phrases in sentences of your own. $5\times1=5$ 3. Cut ends 4. Keep in touch 5.Go through 6. Heart of gold 7. Piece of cake III Change the following into indirect speech $5 \times 1 = 5$ 8. Rama said to me, "I want to help you" 9. Our head master said, "Honesty is the best policy" 10. I said to sathya, "I wish to score more marks" 11. I said, "I saw your father yesterday" 12. She said, "I am going to Landon" IV Change the Voice of the following $5 \times 1 = 5$ 13. She cleaned the house 14. Jeffri bought a new Car 15. The teacher called the students 16. She saved her money 17. Rina paid all her Purchase V Write tha Opposite of the following $5\times1=5$ 18. Win 19. Right 20. Final 21. Permanent 22. Ancient VI Filling the blanks with the suitable prepositions $5 \times 1 = 5$ 23. We will need a boat to sail _____ the river 24. He killed two birds one shot 25. My house is _____ the post office VII Fill in the blanks with articles 28. All students must attend _____ meeting 29. He sent me _____ piece of cake
30. Every rose has _____ thorn
31. I gave him ____ book he down
32. I saw _____ old women yelt down VIII Give synonyms to the following words 33. Famous 34. Small 35. Bright 36. Rapid 37. Sad

I Answer any one (letter writi

 $1 \times 10 = 10$

- 1. Write a letter to a company ordering some furniture
- 2. Write a letter to the manager of factory, asking for permission for a party to visit the factory.

II Read the following passage carefully and answer the questions that follow. 5X2=10

Some twenty years ago, Alangadu village was very backward and neglected. There was no supply of good drinking water and neglected, There was no supply of good drinking water. There was no school or hospital and no electricity either.

Almost all the villagers were poor and they led a miserable life. The village has a middle school. It is electrified and an over head tank ensures protected water supply to the villagers. A rural bank gives credit to the farmers on easy terms. The villagers use modern methods of cultivation and their income has gone up soon the village will have a primary health centre too no wonder, the villagers are a lot of happy mow

Question:

- 3. Where the villagers happy twenty years ago?
- 4. Is there a school in the village now?
- 5. Do they have a health centre now?
- 6. Choose the correct sentence:
 - i) The villagers enjoy the benefit of drinking water supply now
 - ii) The villagers had good drinking water supply now
 - iii)The villagers are yet to be provided with drinking water supply

	7. Complete the following A Primary health centre	<u> </u>		
8	te the correct medical term B) Portal 9) Gastro 10) Rhino B) Endo 14) Hemo 15) oto 16)	, , <u>, , , , , , , , , , , , , , , , , </u>	o	1×10=10

IV E-Mail Writing: $1\times05=05$

ŭ		
18. Write a E-mail to the te	echnician of a lab to send the blood	d report
V Filling the blanks with the righ	nt linkers provide below	5×01=05
19. Keep your passions in	(Cheque/chec	k)
20. This is the only right	(Coarse/course)	open to you
21(fur/fir) tr	ees supply us with timber	
22. The lioness has no	(mane/main)	
	(rights/rites) have been perform	rmed
VI Re-arrange the jumble segmen	nts to form a meaning sentence	6×01=06
24. tomorrow/ come/	my/ will/brother	
25. a picture/showed/	the teacher /us	
26. in the east/the sur	n/ rises	
27. at 10.0' clock/th	e boys/the teacher/met	
28. a long way /they/	had come	
29. locked/found/he/t	the door	
VII Complete the following dialogous	ogue (situation based) 4	×01=04
30. Passenger: Is	?	
Bus conductor: No, this is	not the bus for erode	
31. Passenger: leave?.		
Bus conductor: That bus v	will leave only at 4 p.m	

Bus conductor: That bus will leave only at 4 p.m Passenger: Will there be any seats available?

32. Bus conductor: I don't know if here

Passenger: is have a late one?

33. Bus conductor: 9 p.m

Para Medical Board Bangalore Model Question paper 12 Subject-English First Year Diploma Courses

max marks: 100 Time: 3:00 hrs The question paper has two parts A & B Both are compulsory iii) Write the correct question number as it appear on the question paper iv) Section –A I Write an Essay on anyone of the following in about 200-250 words $15 \times 1 = 15$ 1. Epidemic diseases 2. Dengue II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. Cut ends 4. Come over 5. End of the day 6. Run out 7. Break a leg III Change the following into indirect speech $5\times1=5$ 8. He said, "The tiger is dead" 9. She said, "I am going to the hospital" 10. My friend said, "Honey is sweet" 11. The teacher said, "Honesty is the best policy" 12. "Please lend me your book", some said IV Change the Voice of the following $5 \times 1 = 5$ 13. She made a third attempt 14. The boy asked a difficult question 15. She wrote an award-winning novel 16. The terrorists blew up the bridge 17. The police caught the thief V Write the Opposites of the following $5\times1=5$ 18. Active 19. False 20. Difficult 21. Empty 22. Dry VI Fill in the blanks with the suitable prepositions $5 \times 1 = 5$ 23. The child quickly hid _____ the thick covers 24. My kite soarect _____the building 25. He is sitting _____ the Chair 26. We travelled _____ Car 27. The door _____ the house is red VII Fill in the blanks with articles. $5\times1=5$ 28. Please give me ______ hammer 29 I had _____banana for lunch 30 Eating _____ apple a day is good for you 31 The hunter killed _____tiger 32 I had ______ egg for breakfast today VIII Give synonyms to the following words $5 \times 1 = 5$

33 Lean 34.round 35. Neat 36. Old 37 bright

- 1 Write a letter to a friend inviting him to your College day Celebration
- Write a letter to the post master of your town, stating that you have not received a parcel of books sent to you from Bangalore .

 $1 \times 10 = 10$

II Read the following passage carefully and answer the questions that follow.

Tom went to live in Mr. Brown's big house an the first day he was very happy. He had good food to eat. He had interesting books to read and a lot of things to play with but on the second day, he was not very happy. He could not go out because it was raining.

He wanted to play games, but there was no one to play with. He wanted to sing but the servant, said "You must be quiet, Master is sleeping in his room" He took a book but could not read.

He thought about his parents and little brothers and sisters. He wanted to leave Mr. Brown's house. Question:

- 3 Was Mr. Brown Tom's father?
- 4 How did Tom feel on the firth day of his stay in the rich man's house?
- 5 Why could he no play
- 6 Choose the correct sentence:
 - iv)He could not sing because he didn't like singing
 - v)He could not sing because he was to told not to disturb the master
 - vi)He could not sing because the servant did not request him to sing
- 7 Complete the following
 On the second say Tom had to stay inside because.

III Write the correct medical term	1×10=10
8) Renal 9) Cardiac 10) Endo 1	1) Portal 12) Myo
13) Hemo 14) Cranial 15) Exo 16) Gastro 17) Naso
IV E-Mail Writing:	1×05=05
18) Write a E-mail to a company or	dering same medicines
V Filling the blanks with the right linker	rs provide below $5\times01=05$
19. The people of Kashmir	(ware/wear) wollen's in winter
20. The early morning walk	(whets/wets) the appetite
21. This is the (w	veigh/way) to tackle the difficult
problems	
22. Some Muslim women wear the	(veil/vale) even today
23. Our efforts were not in	(vein/vain)

VI Re-arrange the jumble segments to form a meaning sentence $6\times01=06$

- 24. Licked/ Calmly/ the Cat/ the Saucer
- 25. She/letters/tomorrow/will write
- 26. A bag of gold/the king/ the poet/gave
- 27. 'Good Morning'/ the students/their teacher/wished
- 28. A good husband/chose/her parents/her
- 29. Carefully/drives/kannan/the car
- VII Complete the following dialogue (situation based) $4\times01=04$

Shop keeper: what do you want?

Boy: Shop Keeper: .

Boy: No I want only a cheap pen.

Shop Keeper: what ______?

Boy: I would like to have a green one. What

Shop Keeper: It will cost a rupee.

Para Medical Board Bangalore Model Question paper 13 Subject-English First Year Diploma Courses

Subject-English First Year Diploma Courses

Time: 3:00 hrs

max marks: 100

The question paper has two parts A & B Both are compulsory i) ii) Write the correct question number as it appear on the question paper Section –A **OP Code-4107** I Write an Essay on anyone of the following in about 200-250 words $15 \times 1 = 15$ 1. AIDS 2. Role of Technicians in hospital II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. See eye to eye 4. Break a leg 5. Ball is in your court 6. Best of both worlds 7. Cut corners III Change the following into indirect speech $5 \times 1 = 5$ 8. David said to his friend "May you succeed!" 9. "What a long road this is!" exclaimed the tired traveler 10. The boy said, "Good-Bye, Mother." 11. "How beautiful the picture 15!" Said sitha, 12. "May God bless you!" the priest said. IV Change the Voice of the following $5\times1=5$ 13. They have sold their house 14. She showed me a nice portrait 15. She has written two books 16. They made a lot of profit 17. He has won a jackpot V Write the Opposites for the following $5\times1=5$ 18. Fat 19. Clean 20. Quiet 21. Final 22. Zigzag VI Fill in the blanks with the suitable prepositions $5\times1=5$ 23. I brought the cow _____ nine hundred rupees 24. I have not seen him _____Monday 25. She sat _____ the Chair 26. The dog fell _____ the ditch 27. She is taller _____ Rekha VII Filling the blanks with articles. $5\times1=5$ 28. He is _____ intelligent boy 29. I have _____ one rupee note
30. Give me _____ glass of water
31. I saw _____ old man 32. The girls play in _____ garden. VIII Give synonyms to the following words $5 \times 1 = 5$

33. Affection 34. Bright 35.Clean 36. Mute 37 Famous

30. Trunk/has/elephant/a/an

31. Tomorrow/ come/me/will/brother

 $1 \times 10 = 10$

- 1) Write a letter to a friend who has met with an accident
- 2) Write a letter to a friend, thanking him for sending you some materials or equipments needed for your lab.

II Read the following passage carefully and answer the questions that follow. $1 \times 8 = 08$

At midnight Siddhartha, the prince, awake. He rose and stepping stealthily to the door of his chamber, called in a low voice, "channa who was sleeping in the door step answered." My lord, here am I". "Go", said Siddhartha, "and saddle my horse for tonight. I leave my home." And channa obeyed.

The Prince now felt a great longing to take his child in arms before he went away and going stealthily to the entrance of this wife's room, he looked in. By the light of a dim lamp he saw his wife sleeping on a bed decorated with flowers and her hand rested on the child's head. And Siddhartha thought "If I move her hand she will wake up, and then she will not let me go", so he dared not touch his child but stood and watched the two for some time and then he returned and went away.

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The Prince mounted his horse and channa followed him. They passed	_	
streets of city. Now silent and desolate. None hard the tramp of horse's ho	of's none	knew that
prince Siddhartha was leaving his royal home never to return.		
Question:		
3 Why did Siddhartha speak in a low voice?		
4 In what posture was his wife sleeping?		
5 Why was the street silent and desolate?		
6 Who is Siddhartha?		
7 Who is sleeping on the door steps?		
8 Siddhartha did not touch his child because		
9 The Prince went silently to the entrance of his wife's room because	2	
10 Choose the correct sentence		
i)Channa was Siddhartha's friend.		
ii) Channa was his father		
iii) Channa was his servant.		
iv) Channa was his brother.		
III Write the correct medical term	1×10=	:10
11) Arthro 12) Neuro 13) Portal 14) Pulmo 15) Rhino		
16) Gastro 17) Hemo 18) Carcin 19) Derma 20) Cyto		
IV E-Mail Writing: 1×05=05		
21) Write a E-mail to submit an application for a job in hospital.		
V Filling the blanks with the right linkers provide below	5×0.	1=05
Mala (22) the dairy too early and milk was not ready. The cows		
(23) when the milk (24) in drums, it (25)		mala(26)
home by bus with ten liters of milk.	_1 ,	, ,
[return, collect, sell, milk, reach]		
VI Re-arrange the jumble segments to form a meaning sentence	6×01:	=06
a/seven/there/days/are/in/week.		
27. Boys/playing/the/are/the/in/garden.		
28. Shining/are/the/stars/sky/in/the.		
29. Rudra/shreyas/teasing/is.		

VII Complete the following dialogue (situation based)			6×01=06
33) Booking clerk: Where	?		
Intending passenger: I am going to Bombay		?	
34 Booking clerk: By what?			
35 Passenger: By the first mail at night.			
36 Booking clerk:them?			
Passenger: Yes. Please reserve them.			
37 Booking clerk: all right, done.			
38 Passenger: Thank you			

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Para Medical Board Bangalore Model Question paper 14 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 The question paper has two parts A & B Both are compulsory i) Write the correct question number as it appear on the question paper Section –A **OP Code-4107** I Write an Essay on anyone of the following in about 200-250 words $15 \times 1 = 15$ 1. Prevention is better than cure 2. Dental Hygiene II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. See eve to eve 4. Fish out of water 5. For a while 6. Heart of gold 7. Brush up III Change the following into indirect speech $5 \times 1 = 5$ 8. "I Prefer coffee to milk," said my mother. 9. The doctor said, "You will recover soon" 10. The teacher said, "wood floats on water" 11. "you're wrong," said my father 12. Veena said, "we're glad to see you." IV Change the Voice of the following $5 \times 1 = 5$ 13. My father cleaned the store room. 14. Kannada is spoken by the people of Karnataka 15. My father was helped by my brothers. 16. Snakes eat rats. 17. Every one like dogs V Write tha Opposite of the following $5\times1=5$ 18. Lean 19. Oral 20. Humble 21. Win 22. Junior VI Fill in the blanks with the suitable prepositions $5 \times 1 = 5$ 23. The poor people died hunger 24. Beware _____dogs 25. He killed two birds _____one shot 26. Buddha felt pity _____ the lambs 27. My house is _____ the post office VII Fill in the blanks with articles $5 \times 1 = 5$ 28. It was _____ diamond necklace 29. The spectacles was broken by baby 30. _____ Apple costs ten rupees 31. Ravi played _____event in the college 32. The prince Killed _____tiger VIII Give synonyms to the following words $5 \times 1 = 5$ 33. Clean 34 Difficult 35 Voluntary 36 Small 37 Bright

 $1 \times 10 = 10$

- 1. Write a letter to a friend, describing your college.
- 2. Write a letter to the editor of a newspaper, complaining about the dirtiness of the road where you lived.

II Read the following passage carefully and answer the questions that follow. $5 \times 2 = 10$

Florence Nightingale had an inquiring mind, and was interested in seeing things for herself. This led her one day to visit hospital and she suddenly discovered that here was something that needed doing and which she could do.

The hospital she saw. Like all the hospitals in those days, was dirty and badly run. The nurses knew nothing about how to look after sick people and few of those who had to go into hospital expected to come out alive.

At that time, nursing was not a great profession, as it today and Florence's parents were greatly worried when she told them that she wanted to become a nurse. They did all they could to prevent their daughter from doing something which they thought was not fit for an educated young

For years Florence tried in vain to get them to agree. In the meantime, she studied all the books on me

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IV

medicine	which sl	ne could get	, and devote	d herself to nursi	ng her relatio	ons when they were ill.
At least, w	when she	was thirty	Florence Per	suaded her paren	its to let her	go to Germany and Paris to
study nurs	sing, and	l four year s	he had work	ed hard at the pro	ofession she	had chosen.
Question:						
3.	What 1	ed Florence	Nightingale	to visit a hospita	al one day?	
4.	What o	did she disco	over there?			
5.	What v	was the cond	dition of the	hospital she sawʻ	?	
6.	Compl	ete the follo	owing:			
	Floren	ce Nighting	gale's parent	s were greatly v	worried whe	n she told them her wish
	becaus	e	·			
7.	Choose	e the correct	t sentence:			
	i)	Florence 1	Nightingale v	wanted to become	e a doctor	
	ii)	She wante	ed to become	e a nurse		
	iii)	She wante	ed to build a	house		
	iv)	She wante	ed to build a	hospital		
		ct medical t				1×10=10
,	•	*	,	1) Pan 12) Crani		
			5) Hydn 16)	Leuko 17) Carda	.1	
V E-Mail						$1 \times 05 = 05$
			_	ent for getting ins		
				provided below		5×01=05
After they	⁷ (19)		their brea	kfast they (20) _		_ to the bus stop and (21)
				later (23)	the bu	
	_			m a sentence		6×01=06
		•	are/in/week.			
		/we/them/he	-			
		e/good/get/s				
21.	Decided	l/up/wake/to	o/early/they			

22. Travel/train/like/I/to/by 23. Work hard/to pass/we/shall/examination

VII Complete the following dialogue (situation based)

30 Mother of a child: What Doctor: I Cannot tell you what is wrong until I have examined your son

Mother: Is it possible that one of his class mates has passed on the infection to him.

 $4 \times 01 = 04$

31 Doctor: Yes		him
Mother: V	What is your advi	ce?

32 Doctor: It is __ two weeks

Medicine 33 Mother:

Doctor: No, there is no need for any medicine.

Para Medical Board Bangalore Model Question paper 15 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 The question paper has two parts A & B Both are compulsory i) Write the correct question number as it appear on the question paper ii) Section -A OP Code-4107 I Write an Essay on anyone of the following in about 200-250 words $15 \times 1 = 15$ 1. Blood donation 2. Health check up camp II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. Apple of one's eye 4. A litmus taste 5. In hot water 6. Miss the beat 7. Second to none III Change the following into indirect speech $5 \times 1 = 5$ 8. Ramesh said, "It's very cold today". 9. "You look tired", I said. 10. They said, "we'll have the party next month" 11. My brother said, "I like mu new school" 12. Sham said, "We enjoyed the picnic very much" IV Change the Voice of the following $5\times1=5$ 13. My Uncle wrote a letter 14. The road was blocked by a yallen tree 15. Reema is reading a novel. 16. They are moving the furniture. 17. The watchman guards the building. V Write the Opposites for the following $5\times1=5$ 18. Rude 19. Hollow 20. Early 21. Wise 22. Permanent VI Fill in the blanks with the suitable prepositions $5 \times 1 = 5$ 23. There is a tree _____ the garden 24. There is a nest _____a tree branch 25. A baby bird is _____the nest 26. Bats come out _____ night 27. My father works ______ 8:30 to 5.00 pm VII Fill in the blanks with articles $5\times1=5$ 28 I gave him _____ book he wanted 29 horse is a useful animal 30 John is _____ old man 31 I saw ____ girl in the park 32 The librarian gave me _____ book I wanted VIII Give synonyms to the following words $5\times1=5$ 33 Blank 34 Ancient 35 final 36 Transparent 37 Rapid

Section-B QP Code-4108

	any one (letter writing)	1×10=10
	Write a Complaint to the Sub-Inspector of Police, reporting to Write a letter to a company ordering some furniture.	he theft of your bicycle.
Gan stayed wit much and loved him many other	ne following passage carefully and answer the questions that foldhiji visited many small villages in India. He did not go by can the poor people in their homes and helped them in many very called him Bapu. He was the father of all Poor people in Indiand many people in foreign countries too loved him. Hindus or people called him "Father" and loved them all.	or by bus but walked. He ways they loved him very dia. Many people in India
Question:	Where did Gandhiji stay during his visit to the village?	
	How did he go from village to another?	
	Why was he called 'Bapu'?	
6	Choose the correct sentence:	
O	i) People in India only loved him	
	ii) People in foreign countries only loved him	
	iii) People in both India and foreign countries loved him	
7	Complete the following sentence:	
	Gandhiji was loved by	
8)	ne correct medical term oto 9) Hepar 10) Renal 11) Micro 12) Exo Endo 14) Dental 15) Myo 16) Osteo 17) Patho	1×10=10
IV E-Mail		1×05=05
16) V	Vrite a E-mail to the technician to send the blood report	
V Fill in t	the blanks with the right linkers provide below	5×01=05
In our bloo	od, there (19) red and white cells which can only	
the micros	od, there (19) red and white cells which can only cope .The white cells (21) us against the microbes	which cause disease. If the
white cells	s (22)a person (23)very ill or he may	y die.
	[become, are, decrease, protect, seen, be]	
E 24) Ri 25) Tl 26) Ro	range the jumble segments to form a meaning sentence express/kovai/is/a/the/very/train/fast ever/is/holy/Ganga/ a/the ne/killed/cat/rat/the com/ is/the/in/table/the ting/was/crow/the on/three/the	6×01=06
29 Ma Ka 24. Ma	blete the following dialogue (situation based) la: How ? witha: I have done very well in the examination ala: Have ? witha: No, I have not received the progress card yet.	4×01=04
Ma	ala: how do you study at night?	
	vitha: until 11 O' clock.	
Mal	a : Does your father help you in your studies?	_
26 Kg	vitha: Yes	

Para Medical Board Bangalore Model Question paper 16 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 The question paper has two parts A & B Both are compulsory i) Write the correct question number as it appear on the question paper Section -A OP Code-4107 I Write an Essay on anyone of the following in about 200-250 words $15 \times 1 = 15$ 1. Dog bite 2. AIDS II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. Once in blue moon 4. for a while 5. brush up 6. In hot water 7. In touch III Change the following into indirect speech $5 \times 1 = 5$ 8." Get me my glasses," asked. Grand father 9. "Can you drive a car?" he ask. 10. "Do you have a pair of scissors?" 11. "you should take regular walks." Advice doctor. 12. "I will give him a book for his birthday" said neeta IV Change the Voice of the following $5\times1=5$ 13. The cobbler mended their shoes 14. They cleaned the entire house 15. My father looks after the garden 16. The plants were watered by the gardener. 17. The letter was written by martin. V Write the Opposite of the following $5\times1=5$ 18. Active 19. Zig Zag 20. Wild 21. Rude 22. Difficult VI Fill in the blanks with the suitable prepositions $5 \times 1 = 5$ 23. John will be travelling _____ England to France next week 24. The children laughed and dived straight ______the swimming pool 25. Gina pointed _____the window every one turned and looked where she pointed 26. We waved good bye as the train slowly pulled _____ the railway station 27. We will need a boat to sail ______the river VII Fill in the blanks with articles $5 \times 1 = 5$ 28. He is _____ intelligent boy 29. Give me _____glass of water 30. I have _____ one rupee note 31. I saw _____ old women walking 32. The monkey ate _____ whole bread VIII Give synonyms to the following words $5\times1=5$ 33. Rich 34. Sad 35. Honest 36. Intelligent 37. Beautiful

- 1. Write a letter to the Bank Manager for issuing your ATM card.
- 2 Write a letter to the editor of a newspaper, complaining about the insanitary condition of the road where you live

II Read the following passage carefully and answer the questions that follow. $5 \times 2 = 10$

A crow stole a piece of cheese and flew with it in his mouth to the highest branch of a tall tree near the den of a fox, and the fox by chance, came close to the foot of the tree to lie down and bask himself in the sun. Soon after fox had laid himself down, he saw the crow with this tempting piece of cheese. "well" thought he. 'I should like that very much." So he looked up and in his sly way thus addressed the crow.

"My dear crow. O! how glad I am to see you! How gay you look! Who says that you are as black as coal! for I see that your wings are mixed with a fine greentinge. They say too that you have a very rough voice, but I, on the contrary think it must be very sweet"

The crow was so vain as to think that all the fox said was true. So he began to sing him a song and down dropped the cheese which was just what the fox desired.

As soon as he saw it fall, he took it up and with a scornful laugh, ran off as fast as he could. Question:

- Why did the fox come out of the den?
- 4 How did the fox praise the crow?
- What did the fox desire for?
- 6 Choose the correct sentence:
 - The fox wanted to appreciate the crow
 - The fox wanted to help the crow ii)

iii) The fox wanted to deceive the crow	
7 Complete the following sentence:	
The crow began to sing a song because	
III Write the correct medical term	v10 10
	×10=10
8) Myo 9) Dental 10) Renal 11) Chromo 12) Pan	
13) Cryo 14) Hemo 15) oral 16) cranial 17) exo	1 05 05
IV E-Mail Writing:	$1 \times 05 = 05$
18) Write a E-mail to submit an application for a job in the food company	5 01 05
V Filling the blanks with the right linkers provide below	5×01=05
19) I should be very sorry to(loose/lose) your friendship	
20) Do not (Medal/Meddle) with the affairs of others	
21) Metals are extracted from their(oar/ore)	
22) It is a(Knotty/naughty) problem to solve	
23)I have a(sore/sour) on my foot	
VI Re-arrange the jumble segments to form a meaning sentence	6×01=06
24 My chance/sorry/I am/to miss.	0/01-00
25 Prayer-time/Let us pray/at the	
26 to be true/The news is/too good	
27 In spite of his poverty/ was honesty/the wood-cutter	
28 First class/worked/I/hard to get	
<u> </u>	
29 Mud houses/the poor people/Live in	
VII Complete the following dialogue (situation based)	4×01=04
Teacher: Have? Pupil: I am sorry I forget to bring mu progress report sir	
Teacher: careless	
Pupil: I shall try not be careless in future, sir	
Teacher: When will you bring the card?	
Pupil:tomorrow	
Teacher: Don't forget to bring it?	
Pupil: No. sir,	

Para Medical Board Bangalore Model Question paper 17 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100

 ii) The question paper has two parts A & B Both are com i. Write the correct question number as it appear on the question –A QP Code-4107 	
I Write an Essay on anyone of the following in about 200-250 wor 1. Hospital Waste Management. 2. Role of Technicians in Hospital.	rds 15×1=15
II Use the following idioms/Phrases in sentences of your own. 3. Last straw. 4. End of my rope. 5. Add fuel to the fire. 6. Keep an eye. 7. To drive home.	5×1=5
III Change the following into indirect speech 8. He said, "The doctor may come now" 9. Raman said, "I will go" 10. Kamalam said, "Brother, I cannot help you" 11. My mother said, "It was raining yesterday" 12. The teacher said, "The world is round"	5×1=5
IV Change the Voice of the following 13. Children love the rainbow. 14. Call in the doctor at once. 15. Neha's father praised her. 16. Everyone loved mother Teresa. 17. Suman is reading a book.	5×1=5
V Write the Opposite of the following 18. Permanent 19.Oral 20.Long 21.False22.Damestic	5×1=5
VI Filling the blanks with the suitable prepositions 23.I shall be back	5×1=5
VII Filling the blanks with articles 28 Raja Ram Mohan Rai is Indian 29 What is Matter? 30 My brother is Police man 31 She is using lens 32 Please bring me cup of milk	5×1=5
VIII Give synonyms to the following words 33 Happy 34 Difficult 35 High 36 Vacant	5×1=5

37 Rapid

- Write a complaint to the Sub-Inspector of police, regarding the theft of your bike.
- Write a letter to the editor of a newspaper, complaining about the insanitary condition of the road where you live
- II Read the following passage carefully and answer the questions that follow. 5x2=10

A farmer detected that one morning that one of his horse had been stolen. He was very unhappy for he was not rich enough to buy one instead. He could not catch the thief. Therefore he went, after some days to a horse fair which was not far away, when he found his horse and said to the seller. "This is my horse". But the other replied, "No, it is not yours. It is mine

You are mistaken for I Have had this horse for a year". Then the farmer covered the eyes of the animal with both his hands and said. "If it is so, you will be able to say which eye is blind?

Though the seller did not know the truth he answered readily. "The right one". "No", answered the farmer. "It is clear that you are the thief." He uncovered the right eye. "What". Said ll and you before the

the seller. "I mean the eye on my right". "O", exclaimed the farmer, are not only a thief but also a liar." The people at once caught the sell	
magistrate.	
Question:	
3 Why was the farmer unhappy?	
4 Why did the people catch the seller?	
5 How did the farmer prove that the seller was not the real of	owner of the horse?
6 Choose the correct sentence:	
iv) The right eye of the horse was blind.	
v) The left eye of the horse was blind.	
vi) The horse was not blind	
7 Complete the following sentence:	
The stranger did not know the truth because	<u>.</u>
III Write the correct medical term $1 \times 10 = 10$	
8) Nephro 9) Megaly 10) Chromo 11) Rhino 12) Hepato	
13) oto 14) Cyto 15) edema 16) Derma 17) erythro	
IV E-Mail Writing: 1×05=05	
18) Write a E-mail to submit an application for a job in the hosp	oital
V Filling the blanks with the right linkers provide below	5×01=05
19)(Practice/Practice) Makes you perfect	
20) You may sacrifice anything. But you should not sacrifice you	ır
(Principle/Principal)	
21) She was(quiet/quite) annoyed at his remarks	
22) A(Straight /Strait) line is the shortest distance	
between two points	
23) what a(Specious/Spacious) building it is	
VI Re-arrange the jumble segments to form a meaning sentence	6×01=06
24) He/locked/the door/found.	
25) A pieture/showed/us/ the teacher	

- 25) A picture/showed/us/ the teacher
- 26) You /me/a letter/ must write.
- 27) Last year/ my father/died
- 28) The trees/they/were cutting
- 29) Were lying/the note books/on the floor VII Complete the following dialogue (situation based)

30Meera : Is ______ ?

Bala: Yes, there is TV set i	in my house
31 Meera: When	?
Bala: We have English film	ns every Sunday evening
32Meera: May	?
Bala: Yes, you are quite w	elcome to my house
Meera: will your parents obj	ect to my visiting you at night?

 $4 \times 01 = 04$

33 Bala: No, ______.

Para Medical Board Bangalore Model Question paper 18 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100

iii) The question paper has two parts A & B Both are compulsory Write the correct question number as it appear on the question paper Section –A QP Code-4107 I Write an Essay on anyone of the following in about 200-250 words $15 \times 1=15$ 1. Eve donation. 2. First aid. II Use the following idioms/Phrases in sentences of your own. $5\times1=5$ 3. Cry over spilt milk. 4. Cut corners. 5. Last straw. 6. On the ball. 7. end of the day. III Change the following into indirect speech $5\times1=5$ 8. He said to them, "sit down." 9. Ramani said, "please tell me the time." 10. "How beautiful the picture is!" said sitha 11. "Are you coming to the temple with me?", he asked his friend 12. "Will you help me?." Said the beggar. IV Write the Opposite of the following $5 \times 1 = 5$ 13. Dry 14.Natural 15.Heavy 16.Vertical 17.Ancient V Change the Voice of the following $5 \times 1 = 5$ 18 I will clean the house every Saturday 19. Tom painted the entire house 20. The wedding planner is making all the reservations 21. The director will give you instructions 22. The team will celebrate their victory tomorrow VI Fill in the blanks with the suitable prepositions $5 \times 1 = 5$ 23. I have not seen him _____ Monday . 24. She sat _____ the chair _____ two hours.
25. Ram is taller _____ Raj. 26. He killed two birds _____one shot. 27. Success is the result _____ hard work. VII Fill in the blanks with articles $5\times1=5$ 28 He sent me _____ gift
29 Krishna helped _____ Pandavas in many ways 30 She is _____Ugly women 31 A horse is _____useful animal 32 They read ______ Bible daily VIII Give synonyms to the following words $5\times1=5$ 33 Maximum 34 Circular 35 Vacant

36 Famous37 Handsome

- 1 Write a letter to the principal asking to give permission for one week leave
- Write a letter to the managing director. Of a factory, answering an advertisement for an accountant. (Give your qualification) for the job with your bio-data)

 $1 \times 10 = 10$

 $5 \times 01 = 05$

II Read the following passage carefully and answer the questions that follow. 5x2=1

Some twenty year ago, Alangadu village was very backward and neglected. There was no supply of good drinking water. There was no school or hospital and no electricity either. Almost all the villagers were poor and they led a miserable life

Today the village has a middle school. It is electrified and an over head tank ensures protected water supply to the villagers. A rural bank gives credit to the farmers on easy terms.

The villagers use modern methods of cultivation and their income has gone up. Soon the village will have a primary Health centre too. No wonder the villagers are a lot of happy now. Ouestion:

- 3 Were the villagers happy twenty years ago?
- 4 Is there a school in the village now?
- 5 Do they have a health centre now:
- 6 Choose the correct sentence:
 - i) The villagers enjoy the benefit of drinking water supply now
 - ii) The villagers had good drinking water supply now.

ii) The vinagers had good drinking water supply now.	
iii) The villagers are yet to be provided with drinking water supp	oly.
7 Complete the following sentence:	
A Primary Health centre	
III Write the correct medical term	$1 \times 10 = 10$
8) Portal 9) Nephro 10) Hemo 11) Gastro 12) Rhino	
13) Neuro 14) Hydro 15) Pneumo 16) Digits 17) Pedal	
W. T. M. (1971)	1 05 05
IV E-Mail Writing:	$1 \times 05 = 05$
18) Write a E-mail to submit an application for a job in the Manufactured	
Company	

"She wants to speak (19)_____you (20)_____Important matter meet her (21)_____office (22) _____3:00 pm 4:00 pm take (23) _____letter given to your officer"

VI Re-arrange the jumble segments to form a meaning sentence $6\times01=06$

- 24 Stolen /watch/was/a/gold
- 25 blind/was not/horse/ the

V Fill in the blanks with the right linkers

- 26 my/English/Teacher's teaching / good/is/useally.
- 27 Lifted to be/too heavy/was/ the stone
- 28 Rises/in the /east/ always/the sun
- 29 slowly/happy/reach/us/news

27 Slowly/happy/leach/us/hews	
VII Complete the following dialogue (situation based)	4×01=04
Ramu: I am going to Mumbai tomorrow	
30 somu: how?	
Ramu: When?	
somu: We have English films every Sunday evening	
31 Ramu: No ?	_
32 somu: who?	
Ramu: No one is accompanying me	
33 somu: Lodge?	
Ramu: No, I'll stay in my uncle's house.	

Para Medical Board Bangalore Model Question paper 19 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 The question paper has two parts A & B Both are compulsory i) Write the correct question number as it appear on the question paper ii) Section -A QP Code-4107 I Write an Essay on anyone of the following in about 200-250 words $15 \times 1=15$ 1. Tuberculosis 2. Health check up camp. II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. Cut corners 4. End of the day 5. Come over 6. Run out 7. Never mind III Change the following into indirect speech $5\times1=5$ 8. Our headmaster said that time is gold 9. Kennan replied that he was ready 10. He said that he would come again 11. Maran said that he was going to start in an hour 12. Ramani requested her kindly to tell her the time IV Change the Voice of the following $5\times1=5$ 13. She brought me a cup of coffee 14. The teacher teaches us grammer 15. I want to shoot the tiger 16. Bones are eaten by dog 17. Nestes are built by birds V Write the Opposite of the following $5\times1=5$ 18. Ouiet 19. Early 20. Heavy 21. Foolish 22. Win VI Fill in the blanks with the suitable prepositions $5 \times 1 = 5$ 23. Buddha felt pity _____ the lambs 24. Success is the result ______ hard work
25. The poor people died ______ hunger
26. I have not seen him _____ Monday
27. My house is ______ the post office VII Fill in the blanks with articles $5 \times 1 = 5$ 28. My first sight of ______ aero plane
29. The boy barks like _____ dog 30. Ever body will admit the truth of ______ statement 31. Every rose has _____ thorn 32. The story of his own life is called ____autobiography VIII Give synonyms to the following words $5\times1=5$ 33. Brave 34. Lean 35. Clean 36. Voluntary 37. Final

T	Answer any one (letter writing)	1	1×10=10
1	This wer ally one (icuci wiiuiigi		$1 \sim 10 - 10$

- 1. Write a letter to you is your friend, telling him about a cricket match in which you took part.
- 2. Write a letter to the chief medical officer, asking him, to permit a team of students to serve the in patients in the hospital every evening.

II Read the following passage carefully and answer the questions that follow. 5x2=10

A man who lived in Mumbai found that one of his servants had stolen his gold watch. He called all his servants together that evening and asked them to tell him the truth. But every man said that he had not touched the watch. The master than gave each one of them a wooden stick and said, "although all these sticks are of the same length, the stick which the thief has, will grow an inch longer by this time tomorrow.

You must all come to me then, and I shall at once see which of you is guilty". The real thief thought, "if I cut an inch off the end of my stick tomorrow it will be the same length as the others. "he did so, and when the master saw that his stick was an inch shorter than those of the others he said, "that man is the thief". Thus the thief was caught.

Questions

- 3. What was stolen from the master?
- 4. Why did the master give the sticks to his servants?
- 5. How long did the master wait before he looked at the sticks again?
- 6. Chose the correct sentence:
 - i. The stick will grow an inch longer
 - ii. The stick will become an inch shorter
 - iii. The stick will not grow an inch longer

in. The stick will not grow an men longer
7. Complete the sentence.
The real thief was caught because
III Write the correct medical term $1\times10=10$
8. Neuro
9. Exo
10. Oto
11. Hemo
12. Gastro
13. Nephro
14. Pedal
15. Hydro
16. Portal
IV E-Mail Writing: $1\times05=05$
17. Write a e-mail to submit an application for a job in the pharacentical company.
V Filling the blanks with the right linkers provide below $5\times01=05$
[heart, mouth, hands, eye, neck]
18. She can easily pass the thread through theof the needle.
19. He watched theof the clock move slowly. It would soon be time to leave
20. He ran towards the mountains, at last, he reached the
of a cave
21. The of the bottle was too narrow. I had a tough time cleaning it.
22. We have been discussing details that ate not important. Let us get to theof the matter
VI Re-arrange the jumble segments to form a meaning sentence $6\times01=06$
23. Softly/Tara/speaks
24. Sometimes/the park/I go to
25. Never/late/rohan is
26. Yesterday/ guitar class/I went /for my
27. Library/in the/ I will/stay here.
28. House/our/visits/he often
VII Complete the following dialogue (situation based) $4\times01=04$
29. Chandran: how much mango?
30. Fruit seller: two rupees. How many?
31. Chandran: I want a dozen. But the price
Fruit seller: I will given a dozen for twenty rupees.
32. Chandran: will you?
Fruit seller: sorry, I can't, I brought them at eighteen per dozen.

Para Medical Board Bangalore Model Question paper 20 Subject-English First Year Diploma Course

Subject-English First Year Diploma Courses **Time: 3:00 hrs** max marks: 100 The question paper has two parts A & B Both are compulsory i) ii) Write the correct question number as it appear on the question paper Section -A QP Code-4107 I Write an Essay on anyone of the following in about 200-250 words $15 \times 1 = 15$ 1. Snake Bite 2. Polio II Use the following idioms/Phrases in sentences of your own. $5 \times 1 = 5$ 3. Never mind 4. Fall out 5. In touch 6. Come over 7. Run out III Change the following into indirect speech $5\times1=5$ 8. My uncle inquired how I was 9. The teacher asked whether karuppan was in the classs 10. Anand asked me if I know how to swim 11. He asked them to sit down 12. Our headmaster said that time is gold IV Change the Voice of the following $5 \times 1 = 5$ 13. God loves all men 14. Birds build nests 15. Dog eats bones 16. She brought me a cup of coffee 17. The teacher teaches us grammar. V Write the Opposite of the following $5\times1=5$ 18 Ancient 19 Mute 20 Minimum 21 Lean 22 Broad VI Fill in the blanks with the suitable prepositions $5\times1=5$ 23 We live _____ Coimbatore. 24 I am fond _____ Mangoes
25 The cat is sitting _____ the wall 26 I shall write ______ next week. 27 I have never seen her ______ VII Fill in the blanks with articles $5 \times 1 = 5$ 28 All the pupils must write _____ examination 29 Sunitha has ______ diamond necklace 30 The robber will kill _____ Child 31 Janaki's mother gave her _____ apple 32 All students must attend _____ meeting VIII Give synonyms to the following words $5\times1=5$ 33 Transparent 34 Final 35 Fat

36 Vacant37 Clean

	Section-B			
I Answer any	one (letter writing)	1×10=10		
1 Write a letter to your father asking for permission and money to				
	join an excursion.			
2Wr	ite a letter to the Municipal commissioner of your place			
	complaining about the insanitary condition of your street .			
II Read the fo	llowing passage carefully and answer the questions that follow	v. $5\times 2=10$		
Tom v	vent to live in Mr. Brown's big house on the first day he was ver	y happy. He had good		
	le had interesting books to read and a lot of things to play with			
	econd day, he was not very happy. He could not go out becau	_		
-	y games, but there was no one to play with, He wanted to sing			
	e quiet, master is sleeping in his room". He took a book bu			
	t his parents and little brothers and sisters. He wanted to leave	Mr. Brown's house.		
Questi				
	Was Mr. Brown Tom's father?			
4	How did Tom feel on the first day of his stay in the rich man'	S		
~	House?			
5	Why could he not play?			
6	Chose the correct sentence:			
	i. He could not sing because he didn't like singing	sturb the meeter		
	ii. He could not sing because he was to told not to disiii. He could not sing because the servant did not requ			
7	Suggest a suitable title	lest min to sing		
,	Suggest a suitable title			
III Write the	correct medical term	1×10=10		
8 Ery	vthro			
9 Au	rical			
10 Ce	yo			
11 Os	teo			
12 Re				
13 Pn				
14 Cra				
15 Oc				
16 De				
17 He	<u>-</u>	1 05 05		
IV E-Mail Wr	6	$1 \times 05 = 05$		
	rite a e-mail to submit an application for a Seat in the college	5×01=05		
	planks with the right linkers			
it (21)	a big fish (19) by a fisher man. He (20) open, she (22) because she (23)	_ It to his whe. When		
It (21)	open, she (22)because she (23)	a ich mside.		
VI Re-arrange	e the jumble segments to form a meaning sentence	6×01=06		
_	eered/The mayor's/Speech/was loudly			
	e crime/last night/was/ discovered			
26 Fir	st prize/been awarded/the/have/I should			
	sterday/ Not been/had /received/This news.			
	pt clean/the room/should be.			
	29 I will/good book/bring you a			
-	the following dialogue (situation based)	$4 \times 01 = 04$		
30 Do	ctor: how?			
Patient: I have been suffering for a month.				
31 Do	ctor:Stomach?			
	ient: Yes, I feel pain in the stomach			
	tor: How old are you?			
52 Pati	tor: Do you eat meat?			
	ior. Do you eat meat?			

33 Patient : ______.

Para Medical Board Bangalore Model Question paper 21

: 100

		Subject-English First Year Diploma Courses	3
Ti	me: 3:0	0 hrs	max marks
	i)	The question paper has two parts A & B Both are compulso	•
	ii)	Write the correct question number as it appear on the question of the question	on paper
1	Eccay (SECTION A QP Code-4107	
1.	• •	Any one 300 words).16	
		Dengue	
2		Epidemic diseases	
۷.		e idioms /phrases in sentences of your own.4X1=4	
	,	Piece of cake	
	•	Once in blue moon	
	· ·	Busy as a bee	
	-	Blessing in disguise	
3.	_	e into indirect speech. 4x1=4	
	-	The principal said ," Get out of the room now".	
	b)	Ramesh said," He'll come tomorrow".	
	c)	The stanger said,"I have money".	
	d)	the student said," He'll fail".	
4.	Change	e the voice5X1=5	
	a)	She ate dinner	
	b)	She made these sandwiches	
	c)	Shall win this match.	
	d)	He cought thethieves	
	e)	Teacher wished the students	
5.	Write t	he opposites	6X1=6
	a)	Intresting	
	b)	Opposite	
	c)	Defend	
	d)	Curly	
	e)	Bold	
	f)	Honest	
6.	Give s	ynonyms	6X1=6
	a)	Neat	
	b)	Cry	
	c)	Нарру	
	d)	Still	
	e)	Ask	
	f)	Little	
7.	Fill in t	he blanks(Prepositions)	4X1=4
		Charlie is european	
	b)	He is Boy.	
	c)	Taj mahal is Monument	
	,	Ant can carry 10 times of its weight	
8.		epositions to fill the blanks	.5X1=5
	•	I can see a boat the picture.	
	b)	we open 9'0 clock.	
	c)	the ball is the table.	
	-,		

d) The Cat is the Table. e) There is tree the hill.

1. Answer any One .. 1X15=15

- 1. Write a letter to your father to send money to pay examination fee.
- 2. Write a letter to Executive engineer to supply water as there is no water supply in your area for the past one week.
- 2. Read the following passage and answer the following questions.

3X5=15

Electricity is generared in the popwer statiion and then taken to buildings by mains or supply cables. For the electricity to flow along the cables ,it must have circuit. The circuit must be complete. Any interruption or break would stop the flow of electricity. The circuit is formed by the wired conductors inside the cable. These wires are made of metal often copper, as metal ia good conductor of electricity, it allows electricity to flow freely. The conductors are covered by another material, a kind of plastic, which does not allow electricity and is called insulator. The Electricity flowing through wire is called electric current. Electricity is measured in Watts.

a.	Insulation is a	process whare	electricity	/

- b. Electricity is measured in.....
- c. The metal which is a good conductor often used is......
- 3. Arrange the words to form a sentence...

5X1=5

- d. Medicines give you to patient.
- e. Him feed milk with.
- f. Heart attack of died he
- g. Patients all bed are the on the
- h. Work hard in the examination pass to we have to
- 4. Use the following Linkers to construct the sentences.

5X1=5

- i. But
- j. Also
- k. Upon
- I. Under
- m. so
- 5. Explain/expand the following (one sentence)

10X10

- n. H.I.V.
- o. Therapy
- p. Sensitivity
- q. Virology.
- r. Chrome
- s. Derma
- t. Hepatitis
- u. in-vitro
- v. in-vivo
- w. Neurology.

Para Medical Board Bangalore Model Question paper 22 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100

- i) The question paper has two parts A & B Both are compulsory
- ii) Write the correct question number as it appear on the question paper

SECTION A QP Code-4107

- 1. Essay (write any one))
 - a) Snake bite
 - b) Tuberculosis
- 2. Use IDIOMS /PHRASES)

5X1=5

15

- a) For a while
- b) Help me!
- c) Lift it up
- d) GIVE ME A HAND
- e) In a corner
- 3. Change into indirect 4x1=4
 - a) The man said, "He is busy now".
 - b) She said ," He'll come tomorrow".
 - c) The acciuntant said," He'll give money".
 - d) The bot said," He'll come".
- 4. Change the voice 4x1=4
 - a) He is strong.
 - b) She went out.
 - c) She will win this match.
 - d) He like mangos.
- 5. Write the opposites 5x1=5
 - a) Revised
 - b) Silent
 - c) Fair
 - d) Cute
 - e) Frank
 - f) Boring
- 6. Give synonyms 6x1=6
 - a) Good
 - b) Free
 - c) Well
 - d) tidy
 - e) scream
 - f) Big
- 7. Fill in the blanks(use articles)

3X2 = 6

5X1=5

- a) English is Subject.
- b) He is Manto do this job.
- c) She is Introvert.
- 8. USE PREPOSITIONSTO FILL IN THE BLANKS.

a) The cat is The table but the dog is The table.

- a) The cat is The table but the dog is The table
- b) Which is better laptop dell hp?
- c) His house is built The lake bed.
- d) Medicines were the tray
- e) Bills are The cupboard

SECTION "B" QP Code-4108

1.	Read t	Read the following passage and answer the following Questions?=> 4X1=4						
		The Family sat down at the table and began to talk about the sum to decide a place to visit during vacation. Should they go to the vill The parents prefered the village but the children wished to go to little discussion the elders decided to visit both the places. First t village for a week and then they stay at the hill-station for the ren first time the family shall be together during holidays. The childre holiday plan.	lage or to a hill-station? the hill-station. After a hey shall go to the naining days.For the					
	a.	The family decided to visit a place during the						
	b.	The parents showed interest in going to						
	c.	The children wished to visit to a						
	d.	The suitable title from the passage could be						
2.	Answ	er any one letter writing.	10					
	a.	Write a letter to your bank manager to issue a A.T.M. Card.						
	b.	Write a letter to your senior office regarding waste disposal.						
3.	Write	Write one word or sentence to explain the following =>5X3=15						
	a.	Cytology						
	b.	Pathology.						
	c.	Histology						
	d.	Nephrology.						
	e.	Haemotology.						
4.	Arrange the following words to form a meaning Sentence. =>7X1=7							
	a.	Read well you.						
	b.	Are you how.						
	c.	Hospital is in Ambulance.						
	d.	Treat patient doctor the.						
	e.	out-patient bring that register.						
	f.	Pulse check the Please						
	g.	Examine did whom you						
5.	Fill in 1	the blanks with suitable Linkers. =>	7X1=7					
	Rama	Krishna were good friendswere reading well	Unfortunately					
	krishn	a failed in the examhe met with an accident.Rama car	ne to know about this					
		He convinced Krishna he will do well next time wh	nich Krishna was very					
	happy	•						

Para Medical Board Bangalore Model Question paper 23 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A OP Code-4107** 1. Essay(write any one) 14x1=14 a) SWINE FLUE b) POLIO 2. Use IDIOMS / PHRASES 5X1=5 a) Every cloud has a silver lining b) Get out c) Once a while d) Go through 3. Change into indirect 5X1=5 e) The teacher said ,"i'll give marks". f) He said ,"calm down". g) The police said," kill him". h) The boy said," he'll not come". 4. Change the voice 5X1=5 a) She is weak. b) I will play cricket. c) He cought all the thieves. d) I came out. e) The man is old 5. Write opposite 5X1=5 a) Under b) Silent c) Good d) End e) Lock 6. Give synonyms 6X1=6 a) Shift b) Free c) Lock d) Insert e) Back f) Home 7. Fill in the blanks with the articles5x1=5 a) HE IS Extrovert. b) what's matter? c) SHE IS UNTIDY GIRL. d) My friend is a..... Doctor e) It is ink-pot. 8. Use Prepositionsto fill the blanks.5x1=5 a) Thr qwerty keyboard is used Houses ,offices etc. b) The flight wasaditya and rajesh. c) The matter of money ,which was setteled d) The presence of rajesh's father who was working The chairman.

e) The boy is standing The river.

SECTION B QP Code-4108

9.	9. Write any one.				
	a)	Write a letter to your officer regarding lifting of Hospital WASTE.			
	b)	Write a letter to your friend "how to improve English language"			
10.	Explain/ex	pand the medical terms in one sentence.	10X2=20		
	a)	U.T.I.			
	b)	Leukemia			
	c)	Neurone			
	d)	H.I.V.			
	e)	Intra-dermal			
	f)	I.V.			
	g)	Micro.			
	h)	Cardia			
	i)	Oral			
	j)	Hypo-thermia			
11.	Arrange th	ne terms to form meaningful sentences.	5X1=5		
	a)	Had coffee your			
	b)	report tomorrow collect the			
	c)	care take patient of			
	d)	take advice him to properly medicines			
	e)	smoke let him not further			
12.	. Read the p	passage and answer the following questions.	4X2=8		
	Ga	ndhiji's Character and personality has universal appeal. He influenced	d all those who		
	car	me into contact with him. The secret of his influence lays in his extrem	iely simple and		
	pic	ous way of life. He lived like a yogi. His wants are few. His dress was a s	simple loin-cloth,		
	his	house a poor man's hut, his cottage simple, his food, a handful of date	es, a cup of		
	ora	ange juice and goat,s milk, thus, he lived the life of the humblest and p	oorest. No		
	wo	onder opeople called him Mahatma. Gandhiji adopted principle of Nor	ı-violence.		
	۵۱	Candhiii is salled as Mahatma hassuss			
	a)	Gandhiji is called as Mahatma because			
	b)	Gandhijis dress was			
	c)	Gandhijis food was			
	d)	Gandhijis primciple was			
13	Fill in the l	plank with suitable conjuctions/Linkers.	5X1=5		
			5/12-5		
	a)	Fish birds are living creatures,			
	b)	.Fish swim birds fly.			
	c)	I will come the rain stops.			
	d)	The boy is poorhe is honest.			
	e)	It will rain the sky is dark.			

Para Medical Board Bangalore Model Question paper 24 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A QP Code-4107** 1. Essay(Write any one) 16 a) Aids b) Dental hygiene 2. Use the IDIOMS /PHRASES to make sentences. 4X1=4 a) In the east b) With read hair c) Once a while d) In the car 3. Change into indirect 5X1=5 a) The teacher said, "Attend my class". b) He said ,"Calm down". c) the executioner said," Kill him". d) The boy said," He'll come". 4. Change the voice 4X1=4 a) How do u do it? b) The cats kill the mice. c) Who teaches you englisg? d) Are you playing cricket?. 5. Write the opposites . 6X1=6 a) Back b) Help c) Understand d) Lock e) Pause f) Free 6. Give synonyms 6x1=6 a) Enter b) Up c) Control d) Huge e) Back f) Home 7. Fill in the blanks(use articles) . 4X1=4 a) He is Entrepreneur. b) Swinne flue is Disease. c) Dell is Company. d) My neighbour is Good guy. 8. Use Prepositions to fill the blanks. 5x1=5 a) The water wentthe hole. b) He climbed The stairs. c) She is The car. d) The book is The table e) The pencil fell

a. Write a letter to your chief librarian to issue 'no due certificate'

b. write a letter to your officer to supply water as the bore-well in the hospital is not functioning.

2. Arrange the words properly to get full meaning..

5X1=5

- a. Daily will I exercise do.
- b. Doctor patient said to be you alright the will alright.
- c. baught juice he apple to brother his.
- d. from train down get running don't the running.
- e. Certain cured diseases can't be.
- 3. Read the following passage and answer the following questions..

4X1=4

Students should be attentive in the class to learn English. Above and all they should be regular. They should read English- papers , magzines, texts to improve English. Also it is important to converse in English. They should keep English dictionary with them. Writing in English often improves not only the language but also memory. Remember Practice makes man perfect.

- 1. How to improve memory?
- 2. What one should do to improve English?
- 3. What is the importance of practice?
- 4. Give a suitable Title?

4. Explain/expand the following in one sentence.

10X2=20

- a) Micro-organism.
- b) Malignant.
- c) Infection.
- d) Hyper.
- e) Inter.
- f) Iso.
- g) Donor.
- h) Ova.
- i) Benign.
- j) Anaemia.

5. Use the suitable linkers.

5X1=5

- a) You will not get any help from himyou don't meet him.
- b) The last bus also left..... am going home.
- c) Revise your lessons..... you may forget them.
- d) Do this work.get out of this place.

We don't know..... he is arrested.

Para Medical Board Bangalore Model Question paper 25 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A OP Code-4107** 1. Essay(Write any one) 16 a) Snake bite b) First aid 2. Use IDIOMS /PHRASES. 4X1=4 a) Crocodile tears b) That is just a drop in the bucket c) That's 1 tough cookie d) Cry over spilt milk 3. Change into indirect. 4X1=4 a) The teacher said ,"I'll give marks". b) He said ,"Calm down". c) The police said," Kill him". d) The boy said," He'll not come". 4. Change the voice 5X1=5 a) She came by car. b) What do you want? c) Why did the teacher punish you? d) He was bowled. e) I finished the work 5. Write opposite 6X1=6 a) Enjoy b) Dishonest c) Creat d) Promote e) Begin f) Postpone 6. Give synonyms 6X1=6 a) Name b) Good c) Under d) Beautiful e) Back f) Happy 7. Fill in the blanks (Use Articles) 4X1=4 a) Bothof them came Auto. b) He is Entertrainer c) She is tall girl. d) I have eaten Banana 8. Use Prepositionsto fill the blanks. 5x1=5 a) Ms word is a good b) His house is My house. c) She is very much Reading. d) He was run my a car.

e) The money is The paper

SECTION B. QP Code-4108

1.	Fill up with s	suitable	e Linkers	5X1=5		
	a) I wil					
	b) I lov	e him .	he hates me.			
	c) Run	fast	you miss the bus.			
	d) Shut	t the d	oor The Diog will come in.			
	e) Ram	nu faile	d in the exam He did not read we	ill.		
2.	Answer any	one		16		
	a) Writ	te a let	e going on' education tour'			
	arranged by the college.					
	b) Writ	b) Write a letter to your principal requesting him to sanction two days leave , to attend				
	you	r sister	's marriage.			
3.	Read the pa	ssage a	and answer the questions	4X1=4		
A patient was seen by the senior doctor. He was examined by him carefuly and admitted . he was gasping. He was shifted to emergency ward on a wheel chair put on oxygen. Nurses gave him injection. Normal saline was given to him intra						
	500r	n ne sta	arted recovering.			
	ä	a) Wh	o saw the patient?			
	ŀ	b) Wh	o gave the injections?			
	(c) Ho	w he was shifted to the ward?.			
	(d) Wh	at was given to him by I.V.?			
4.	Explain the f	followi	ng medical terms	10X2=20		
	á	a) Lys	is.			
	ŀ	b) Leu	ıkocytosis.			
	(c) Bac	cteriocide.			
	(d) Phl	ebotomy.			
	•	e) Ade	enopathy.			
	f	f) Pyc	ogenic.			
	{	g) He _l	patoma.			
	ŀ	h) Ery	throblast.			
	i	i) Cyt	opaenia.			
	j	j) Pha	aryngitis.			
5.	Arrange the	jumbe	lled words to form a proper sentences.	5X1=5		
	ä	a) On	my bycycle to go I used to my school.			
	ŀ	b) Rep	oorts your ready tomorrow be will by			
	(c) Pat	ient treated doctor by the was			

d) Indian cricket team world cup the won.e) Suffering this is from patient cancer.

Para Medical Board Bangalore Model Question paper 26 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A QP Code-4107** 1. Essay(Write any one) 16 a) Role of technicians in the hospitals b) Eye donation 2. Use IDIOMS / PHRASES 4X1=4 a) Help me b) Go through c) Once a while d) Hold your horse 3. Change into indirect. 4X1=4 a) The postmansaid, "he has posts". b) He said ,"come over". c) The police said,"run". d) The women said," he has to go somewhere". 4. Change the voice. 6X1=6 a) He came to my house. b) They played ps4. c) He was bite by a snake d) I came out. e) Shoet essays are good f) Sister gave injection to the patient 5. Write opposites. 6X1=6 a) Under b) Silent c) Bad d) Front e) Tie 6. Give synonyms. 6X1=6 a) Tab b) Alternate c) Insert d) Down e) Use f) Home 7. Fill in the blanks. 4X1=4 a) The sister is ,..... a good person. b) The discussion lasted for five hours in Hotel c) He is bold boy. d) He is Man to do this job. 8. Prepositions. 4X1=4 a) We saw a movie the theater b) We have been working This morning c) The conference begins 10 '0 clock.. d) The dog was The table.

1. Write any one.

- a) Write a letter to your chief librarian to issue 'no due certificate'
- b) write a letter to your officer to supply water as the bore-well in the hospital is not functioning.
- 2. Arrange the words properly to get full meaning..

5X1=5

- a) Daily will I exercise do.
- b) Doctor patient said to be you alright the will alright.
- c) Bought juice he apple to brother his.
- d) From train down get running don't the running.
- e) Certain cured diseases can't be.
- 3. Read the following passage and answer the following questions..

4X1=4

Students should be attentive in the class to learn English. Above and all they should be regular. They should read English-papers , magzines, texts to improve English. Also it is important to converse in English. They should keep English dictionary with them. Writing in English often improves not only the language but also memory. Remember Practice makes man perfect.

- a) How to improve memory?
- b) What one should do to improve English?
- c) What is the importance of practice?
- d) Give a suitable Title?
- 4. Explain/expand the following in one sentence.

10X2=20

- a) Micro-organism.
- b) Malignant.
- c) Infection.
- d) Hyper.
- e) Inter.
- f) Iso.
- g) Donor.
- h) ova.
- i) Benign.
- j) Anaemia.
- 5. Use the suitable linkers.

5X1=5

- a) You will not get any help from himyou don't meet him.
- b) The last bus also left..... am going home.
- c) Revise your lessons...... you may forget them.
- d) Do this work.get out of this place.
- e) We don't know..... he is arrested.

Para Medical Board Bangalore Model Question paper 27 Subject-English First Year Diploma Courses

Time:	3:00 hrs	max marks: 100			
i)					
ii)	Write the correct question number as it appear of SECTION A QP Code-41				
1.	Write essay on any one	16			
	a) Prevention is better than cure				
	b) Polio				
2.	Use the IDIOMS /PHRASES .	4X1=4			
	a) Every cloud has a silver lining				
	b) Get out				
	c) Once a while				
	d) Go through				
3.	Change into indirect .	4X1=4			
	a) The teacher said, "I'll give marks".				
	b) He said ,"Calm down".				
	c) The police said," Kill him".				
	d) The boy said," He'll not come".				
4.	Change the voice .	5X1=5			
	a) She is weak.				
	b) I will play cricket.				
	c) He cought all the thieves.				
	d) I came out.				
	e) The man is old				
5.	Write the opposites .	6X1=6			
	a) Under				
	b) Silent				
	c) Good				
	d) End				
	e) Lock				
6.	Give synonyms .	6X1=6			
	a) Shift				
	b) Free				
	c) Lock				
	d) Insert				
	e) Back				
	f) Home				
7.	Fill in the blanks .	4X1=4			
	a) English is Easy subject.				
	b) What's Matter?				
	c) He is angry person.				
	d) My friend is a Doctor.				
8.	Use prepositions and fill up the blanks.	5X1=5			
	a) Thr qwerty keyboard is used Houses ,office				
	b) The fight wasAdithya and Rajesh 1	The matter of money ,which was setteled			
	The presence of rajesh's father who was	working The chairman.			

9.	Essay	v (write	e an	y one)	16
-			er telling her what kind of food you		
	-	get in t		• •	
	_			ter to police officer about theft of motorbike f	rom vour own house.
10.				ers and fill up the blanks	5X1=5
	•	•		Is she related You/.	
				The child died fromfever.	
			c)	My shirt differs that of yours.	
			d)	You are invitedthe function.	
			e)	My mother is waiting me.	
11.	Read	I the fo	ollov	ving passage and answer the questions	4X1=4
42	•	has The Poll Env ach mill dev a) b) c) d)	bee mo lutic iron ieve s we elop Wh Wh Giv	ver man tried to progress and advance towards an seen that man always had to pay very clearly than advances towards development, more on can be many soil, air, sound and water. All the mentalists say environment has threatened led by man through the scientific nad technologiere established for this purpose and all the nationment. It is well said that pollution is a product at are the different types of pollution? That is pollution? That is pollution? The title to the passage?	ly when he made some progress. e the pollution problem arose. types of pollution fell upon health. humanity. This progress has been gical methods .Many factories and tural resources were utilized for t of science and technogy.
12.	Arrai	nge tne	e jur a)	mbled words A factory a visit to	5X1=5
			•	To hills trip A the	
			c)	Match cricket A exciting	
			d)	Race slow wins study the and	
			e)	Sriram is friend my best.	
13.	Write	e. expa	,	explain the medical terms	10X2=20
		-,	a)	Megaly .	
			b)	pathogen.	
			c)	Microbes .	
			d)	Organic.	
			e)	Bio.	
			f)	In-vitro.	
			g)	In-vivo.	
			h)	Nano.	

i) I.V.j) Tissue.

Para Medical Board Bangalore Model Question paper 28 Subject-English First Year Diploma Courses

Time: 3:00 hrs max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A OP Code-4107** 1. Write an Essay on any one. 18 a) Role of technicians in the hospital. b) Blood donation. 2. Write the opposites... 5X1=5 a) Hard. b) Cold. c) Short. d) Straight. e) Ugly. 3. Fill in the blanks with suitable pre-positions... 5X1=5 a) The Cat is The Table. b) The boy is cyclingon the road. c) She is standing The wall. d) The discussion lasted two hours. e) Everyday the train leaves 7pm. 4. Write the Synonyms.. 5X1=5 a) Handsome. b) Knight. c) Excellent d) Smart e) Excellant. 5. Fill in the blanks with suitable articles... 5X1=5 a) It is..... Owl. b) What is matter? c) It is Mango. d) He is..... Same Doctor whom I have seen yesterday. e) book is on the table. 6. Change the following in to indirect speech.. 5X1=5 a) Anil said, "Sunil goes for walk daily" b) Suresh said, "Rama works efficiently." c) The teacher said," There is no class to-day." d) The officer said, "All officials should come to office in time." e) The police warned the public "Not to come out of their houses." 7. Change the voice.. 4X1=4 a) He ate breakfast b) We shall win this match c) People still bilieve in superstitions d) Dell is the only good company 8. Convert to INDIRECT Speech. 4X1=4 a) He said "He wants laptop". b) The fireman said" He loves his job". c) He said "He is good at singing'.

d) The woman said "She knows him".

			SECTION B QP Code-4108	
9.	Fill up wit		table Linkers	5X1=5
	a)		n Fastyou miss the bus.	
	•		man failed in the examination he did not read	well.
	c)		etha read well she got 1 st rank.	
	-		mu is rich He did not enjoy life.	
	e)	The	ese grapes are Fresh juicy.	
10.	Answer ar	ny or	ne.	15
	a) Yo	ou ar	re looking for a job. Write a letter to the Director of hospital	s for an appointment.
	b) Yo	our c	omputer is not working. Write a letter to your friend who is	a computer engineer
	,to	o hel	p and repair your computer.	
11.	Arrange th	ne ju	mbled words to give sentences	5X1=5
	Ü	a)	Reached before bell I the School rang.	
		b)	The is poor honest boy but he is	
		c)	The tried best his Doctor could but he patient save not th	e
		d)	Rain if could stops come I stops.	
		e)	Has to one hard work to money earn.	
12.	Read the I	passa	age carefully and answer the questions	5X1=5
	picked told a can lif templ	d up bout t it. I e co	wonderful golden plate fell from the heaven in to the court and brought and kept near the God's idle and invited people it. Everybody claimed it but was unable to lift. The priest to Everybody tried but was not fruitful. But a poor farmer sitting urt yard did not try. Everybody requested him to lift. At last it , to which everybody in the village was Happy.	e to the temple and old only honest person of in the corner of the
	a)	Wł	nat fell in to the Temple.?	
	b)		no saw it?	
	c)	Wł	ny people could not lift the gold plat	
	d)	Wł	no lifted the gold plate?	
	e)	Aw	vard a suitable title.	
13.	Explain th	e fol	lowing medical terms in one sentence	10X2=20
	a)	lso).	
	b)		xtro.	
	c)		rdia.	
			rd tissue.	
	e)	-	ogenic.	
	f)	Ne	phron.	

g) Nurone.h) Nodule.

Occult. Benign.

i)

Para Medical Board Bangalore Model Question paper 29 Subject-English First Year Diploma Courses

Subject-English First Year Diploma Courses **Time: 3:00 hrs** max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A OP Code-4107** 1. Write an essay on any one. 16 a) Tuberculosis. b) Eye donation. 2. Use the idioms and phrases. . 5X1=5 a) Piece of cake' b) Bread and butter. c) Cheap and best. d) In a corner. e) In the east. 3. Change the voice. 5X1=5 a) He knows him b) The police cought all the thieves c) She is good at singing d) He knows her well. e) The doctor checked the patient 4. Change in to indirect. 4X1=4 a) The boy said" he knows hom'. b) The woman said "she is good at cooking". c) The teacher said "he'll pass". d) The boy said"he knows the address". 5. WRITE THE OPPOSITES.. 5X1=5 a) Male. b) Actor. c) Hero. d) Bitch. e) Gentlemen 6. WRITE THE SYNONYMS... 5X1=5 a) Important b) GOOD. c) Exact. d) Hurry. e) Run. 7. Fill up the blanks with the suitable prepositions.. 5X1=5 a) There is a big tree Of his house. b) I have not met him Monday. c) They never agree each other. d) We are grateful him. e) Meena is proud Her beauty. 8. Fill up blanks with suitable articles.. 5X1=5 is the same doctor whom I met yesterday. a) b) This is Ink-pot. c) by is inteligant than Hari.

d) She is patient.e) It is empty can.

SECTION B QP Code-4108

1.	Answer any or	ne.	16	
	a)	You are a health Personnel. Advise your friend ho	ow to maintain good health by	
		a letter to him.		
	b)	You are staying in a college hostel. There is no wa		
		hostel warden to take immediate steps to provide	e water.	
2.	Rearrange the	jumbled sentences to get proper meaning	5X1=5	
	a)	Gone he had to Mumbai yesterday.		
	b)	To patient medicine nurse the is giving.		
	c)	Achieve I work goal must hard to goal the		
	d)	Catch Never try moving to a train.		
	e)	Have little spend to I money		
3.	Explain the Me	edical terms.(one sentence).	10X2=20	
	a)	Nano		
	·	Soft tissue.		
	•	Hyper.		
		Blast.		
	•	Troph(y).		
	f)	Aerobes.		
	g)	Toxin.		
	h)	Malignant.		
	i)	Chronic.		
	j)	Endo-toxin.		
4.	Read the follo	wing passage and answer the following questions	4X1=4	
	Raman went to a big hospital for the first time to see his friend Murali. Murali met			
		n accident on the road while returning home. He w		
		ning him. A nurse was giving him a injection. Mural	·	
		X-ray detected it. He was unable to walk. Senior do		
	weeks	with the legs bandaged. Many patients were also in	n the ward.	
		a) Who was examining Murali?		
		b) What was the nurse doing?		
		c) How bone injury was detected.?		
		d) Suggest a suitable title.?		
5.	Use suitable lii	nkers to fill in the blanks	5X1=5	
		I invited him personally he did		

b) The child condition became bad hence we shifted to thehospital.

c) I don't know He was arrested.

e) He worked hard he could not succeed.

d) do this job Get out.

Para Medical Board Bangalore Model Question paper 30

Subject-English First Year Diploma Courses **Time: 3:00 hrs** max marks: 100 i) The question paper has two parts A & B Both are compulsory ii) Write the correct question number as it appear on the question paper **SECTION A OP Code-4107** 1. Write an essay on any one. 16 a) Dog bite. b) Health check up camp. 1. Use the following phrase/Idioms.. 5X1=5 a) Sat on a wall. b) To my door. c) In the west. d) In a corner. e) Great beauty. 2. CHANGE THE VOICE. 5X1=5 a) She made these handmade b) We will win. c) We will play d) He can run. e) She can swim. 3. Change the following in to INDIRECT. 4X1=4 a) SHE SAID "SHE CAN FIGHT". b) THE NEIGHBOUR "HE WAS ANGRY". c) THE MAN SAID "U SHOULD BUY HIM A LAPTOP". d) THE MOTHER SAID" COME HOME". 4. Supply the synonyms.. 5X1=5 a) Enrage. b) Calm. c) Animated. d) Almost. e) Advance. 5. Fill in the blanks with prepositions. . 5X1=5 a) We saw a movie in theatre. b) Rama failed in the examination he was lazy. c) Write carefullyyou make mistake. d) It will rain it is dark. e) We eat we may live. 6. Use the articles to fill up the blanks... 5X1=5 a) My house is the river. b) The cup is the table. c) The cat is the bench. d) The boy is the door. e) The table is The window.

5X1=5

7. Write the opposites..

a) Fast. b) Happy. c) healthy. d) Rich. e) good.

1. Answer any one.

16

- a) Write a letter to your corporation Health officer 'to construct toilets in your area'
- b) Write a letter to your friend inviting him to your sister's marriage.
- 2. Fill the Blank with suitable linkers/conjunctions..

5X1=5

- a) Is she related You?
- b) Asha failed due ... her carelessness.
- c) He had to open the lock The duplicate key.
- d) They have been living in this town year 2000.
- e) My mother will be waiting Me.
- 3. Read the passage carefully and answer the questions?.

4X1=4

Change is the law of life. Spring changes in to summer and summer changes into winter and we come back in to spring again. Thus, the cycle of seasons keeps moving. Similarly, childhood changes into youth and youth into old age, which finally declines to death. It is the law of the nature that the old order should change and give place to anew one. "no change is the sign of extinction ,How ever in spite of this clear message from the pages of nature, there are people who always insist on conserving old. They say old is gold. They cling to old customs blind beliefs.one should not expect anything from them.

- a) What is the law of life.?
- b) What is the sign of Extinction?
- c) What comes after childhood?
- d) Give a suitable title to the passage?
- 4. Arrange the words properly so as to get proper meaning..

5X1=5

- a) Rubber juice is the of certain trees.
- b) Law nature of every one applies to
- c) age modern travel is in easy the of car, plane ,bus and bus because
- d) Gandhiji's love was full of devotion truth to
- e) The king Ashoka a function arranged invited a warriors and
- 5. Examine the medial terms, explain them in one sentence.

10X2=20

- a) Organic.
- b) Exo-toxins.
- c) Sepsis.
- d) Host.
- e) Vector.
- f) Parasite.
- g) Oedema.
- h) Ova.
- i) Neoplasm.
- i) Mono.