

AIIMS BSc Paramedical Exam 2024-Question and Answers

1. What type of polymer consists of identical repeating units?
Answer: Homopolymer
2. What is the name of the excretory organ found in arthropods?
Answer: Malpighian
3. What type of cell is responsible for excretion in flatworms?
Answer: Flame
4. What gland is associated with feeding in Hemichordata?
Answer: Proboscis
5. What process involves determining the sequence of mRNA from DNA strands?
Answer: Sequencing
6. Which factor does not affect Hardy-Weinberg equilibrium?
Answer: Mutation
7. What type of bond links the chains of insulin?
Answer: Disulfide
8. What is the movement of colloidal particles under an applied electric potential called?
Answer: Electrophoresis
9. What is a common example of a crystalline solid?
Answer: Diamond
10. What is the IUPAC name for $\text{CH}_3\text{CH}_2\text{OH}$?
Answer: Ethanol
11. What system in males is responsible for reproduction?
Answer: Reproductive
12. What is the hierarchical classification level that includes kingdoms and species?
Answer: Taxonomy
13. What type of chemical reaction involves the transfer of electrons?
Answer: Redox
14. What phenomenon describes the emission of electrons when light hits a material?
Answer: Photoelectric
15. What is the basic unit that makes up DNA and RNA strands?
Answer: Nucleotide
16. What term describes the concentration of a solution expressed in equivalents per liter?
Answer: Normality
17. What experiment demonstrates the role of CO_2 in photosynthesis?
Answer: Photosynthesis
18. Which organelle is known as the powerhouse of the cell?
Answer: Mitochondria
19. What type of bond involves the electrostatic attraction between oppositely charged ions?
Answer: Ionic

20. What term describes the study of reaction rates in chemistry?

Answer: Kinetics

