

AIIMS BSc Paramedical Exam 2023-Question and Answers

1. What is the primary function of haemoglobin in the blood?
Answer: Oxygen
2. Which organ system is responsible for hormone production in the body?
Answer: Endocrine
3. What type of joint allows for rotational movement?
Answer: Pivot
4. What is the basic unit of life?
Answer: Cell
5. Which process describes the movement of water across a semipermeable membrane?
Answer: Osmosis
6. What is the term for an organism's complete set of DNA?
Answer: Genome
7. What is the primary purpose of red blood cells?
Answer: Transport
8. Which vitamin is primarily produced when skin is exposed to sunlight?
Answer: D
9. What structure in plant cells is responsible for photosynthesis?
Answer: Chloroplast
10. Which type of immunity is acquired through vaccination?
Answer: Active
11. What is the pH level of pure water at 25°C?
Answer: Seven
12. What term describes a substance that speeds up a chemical reaction?
Answer: Catalyst
13. Which blood type is known as the universal donor?
Answer: O
14. What part of the neuron receives signals from other neurons?
Answer: Dendrite
15. Which organ is primarily responsible for detoxification in the body?
Answer: Liver
16. What is the term for a group of similar cells performing a specific function?
Answer: Tissue
17. Which organelle is known as the powerhouse of the cell?
Answer: Mitochondria
18. What type of bond involves sharing electron pairs between atoms?
Answer: Covalent

19. Which gas is a byproduct of cellular respiration in the environment of Earth?

Answer: Carbon dioxide

20. What structure regulates the passage of substances into and out of the cell?

Answer: Membrane