

Biology — Question Paper

Time Allowed :3 Hours	Maximum Marks :100	Total questions :10
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1. The basic unit of life is —

- (A) Tissue
 - (B) Cell
 - (C) Organ
 - (D) Organ system
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2. DNA is mainly located in the —

- (A) Cytoplasm
 - (B) Nucleus
 - (C) Ribosome
 - (D) Cell membrane
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3. Photosynthesis occurs in —

- (A) Mitochondria
 - (B) Chloroplast
 - (C) Nucleus
 - (D) Vacuole
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4. Which hormone regulates blood sugar level?

- (A) Thyroxine
 - (B) Insulin
 - (C) Adrenaline
 - (D) Estrogen
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5. The process by which plants lose water vapor is called —

- (A) Respiration
 - (B) Transpiration
 - (C) Photosynthesis
 - (D) Diffusion
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6. Describe the structure and functions of the cell membrane.

7. Explain the process of photosynthesis with the help of a diagram.

8. Write the differences between mitosis and meiosis.

9. Describe the structure and functions of the human heart.

10. Explain the role of hormones in the human body with examples.
