

# BIOLOGY Exam Paper

## Subjective Questions

1. Explain the process of mitosis and its significance in cell division.

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Answer:

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2. Describe the structure and function of the human heart.

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Answer:

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3. What is the process of photosynthesis and why is it important for plants?

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Answer:

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4. Explain the concept of natural selection and its role in evolution.

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Answer:

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5. Describe the role of enzymes in biochemical reactions.

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Answer:

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6. What are the different types of immunity in humans? Explain each type.

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Answer:

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7. Discuss the structure and function of the cell membrane.

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Answer:

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8. What is the difference between aerobic and anaerobic respiration?

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Answer:

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9. Explain the process of DNA replication and its importance in cell division.

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Answer:

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10. What is the role of hormones in the human body?

Answer:

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### MCQ Questions

11. What is the basic unit of life?

a) Cell

b) Tissue

c) Organ

d) Organism

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12. What is the powerhouse of the cell?

a) Mitochondria

b) Nucleus

c) Ribosome

d) Endoplasmic Reticulum

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13. What is the process by which plants make their own food?

a) Photosynthesis

b) Respiration

c) Fermentation

d) Digestion

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14. What is the largest organ in the human body?

a) Skin

b) Liver

c) Heart

d) Brain

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15. What is the genetic material in living organisms?

a) DNA

b) RNA

c) Proteins

d) Enzymes

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