

BIOLOGY Exam Paper

Subjective Questions

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

Answer:

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

Answer:

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

Answer:

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

Answer:

5. Describe the role of enzymes in biochemical reactions.

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

MCQ Questions

11. What is the basic unit of life?

a) Cell

b) Tissue

c) Organ

d) Organism

12. What is the powerhouse of the cell?

a) Mitochondria

b) Nucleus

c) Ribosome

d) Endoplasmic Reticulum

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

a) Photosynthesis

b) Respiration

c) Fermentation

d) Digestion

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

a) Skin

b) Liver

c) Heart

d) Brain

15. What is the genetic material in living organisms?

a) DNA

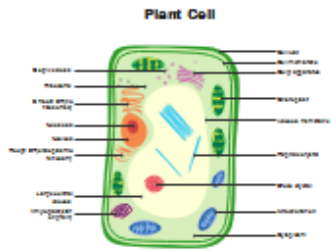
b) RNA

c) Proteins

d) Enzymes

Diagram Questions

16. Draw and label the structure of a plant cell.



17. Illustrate the human respiratory system and label its parts.

