

SECTION "B" (Short Answer Question) Marks: 24

NOTE: Attempt any EIGHT questions from this section.

Each question carries Three (3) marks.

2. Define the following:

- (i) Parasitology (ii) Environmental Biology (iii) Biotechnology

3. Explain the biological method with the help of a flowchart.

4. Describe any three principles of classification.

5. Write any three differences between light microscope and electron microscope.

6. Write different types of chromosomes with their diagrams.

7. Define mitosis

8. Write any three effects of malnutrition on human.

9. Draw a neat and labelled diagram of "Amoeba".

10. Describe any three causes of deforestation.

11. Write down any one function each of the following:

- (i) Mitochondria (ii) Golgi Bodies (iii) Plastids

12. Write down any three characteristics of kingdom Fungi.

13. "Careers in Biology". Describe any three fields of it.

Section C (Detailed - Answer Question) (24)

NOTE: Attempt any Four questions from this Section.

Each question carries SIX (6) marks.

14. Draw a neat and labelled diagram of Human Alimentary canal OR internal structure of Human Heart.

15. Write the name of two blood diseases. Describe their symptoms and causes.

16. Define the following terms:

- (i) Vitamins (ii) Goiter (iii) Stomata
(iv) Cisternae (iv) Nucleoplasm (vi) Activator

17. What are the major components of human food? Describe any two components.

18. Define enzyme. Write any four characteristics of it.

19. Write any six differences between respiration and photosynthesis in plants.