

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

**NOTE:** Attempt any EIGHT questions from this section. Each question carries Three (3) marks.

2. Define: Paleontology, Environmental biology, Genetics.
3. Draw a neat and labelled diagram of Animal cell.
4. Define classification. Name units of it and explain any one.
5. Describe the relationship of Biology with any three branches of science.
6. Define plastids and write two types of it.
7. Write three differences between prokaryotic cell and eukaryotic cell.
8. Define chromosome. Name the types of it.
9. Define enzyme. Write any two uses of enzymes.
10. Write three differences between light reaction and dark reaction
11. Define heterotrophic nutrition and explain its types.
12. Define vitamin and explain its two types.
13. Write any three effects of malnutrition on human.

**Section C (Detailed – Answer Question) (12)**

**NOTE:** Attempt any Two questions from this Section.

Each question carries SIX (6) marks.

14. Draw a neat and labelled diagram of human alimentary canal.
15. Define transpiration and explain factors which affect its rate.
16. Define respiration. Describe the usage of respiration energy in the body of organism.

----OR---- Define tissue. Explain muscle tissue and its types in detail.