



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (15x2=30)

- I. Differentiate between Protostomes and Deuterostomes?**
- II. What is meant by synapomorphies?**
- III. Give advantages of body cavity?**
- IV. Define character according to systematics?**
- V. Give asexual reproduction in protozoa?**
- VI. What are gemmules?**
- VII. Draw lifecycle of plasmodium?**
- VIII. Define stigma?**
- IX. What general characteristics of aschalmithes?**
- X. What is metamerism and tagmatization?**
- XI. Give name of classes of phylum Arthropods?**
- XII. Give characteristics of phylum Annelida?**
- XIII. Give significance of metamorphosis?**
- XIV. What are malpighian tubules?**
- XV. What is bladder worm?**

Answer the following questions. (3x10=30)

- Q 2. Give a detail account on body form of sponges? (10)**
- Q 3. Give classification of Phylum Cnidaria? (10)**
- Q 4. Write general characteristics of phylum Mollusca and its three major classes? (10)**