



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

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

- I. Define incomplete dominance?**
- II. Differentiate between homologies and analogies?**
- III. What are deletions?**
- IV. What are filopodia?**
- V. Define flame cells?**
- VI. Differentiate between crossing over and linkage?**
- VII. What is ecdysis?**
- VIII. Define radial symmetry?**
- IX. What are colloblasts and their function?**
- X. Write general characteristics of Phylum Porifera?**
- XI. Differentiate between Test cross and Back cross?**
- XII. Differentiate between Acoelomate and Pseudocoelomate?**
- XIII. Differentiate gene pool and genotype?**
- XIV. What is multiple allele?**
- XV. What is Turner syndrome?**

Answer the following questions. (3x10=30)

- Q2. Describe Mandalin Law of Independent Assortment**
- Q3. Write a note on Protozoan classification.**
- Q4. What is Metamerism? Describe its various advantages.**