



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (6x5=30)

- I. Shortly explain about the glands in mammals.
- II. Briefly describe the types and function of scales in different groups of fishes.
- III. Briefly describe how amphibian separates the deoxygenated and oxygenated blood in three-chambered heart with diagram?
- IV. What are evolutionary systematics and cladistic interpretation views regarding amniotic lineage evolution?
- V. Briefly describe endothermy in birds
- VI. Describe briefly Urochordata or Tunicata

Answer the following questions: (2x15=30)

Q.No.2. Describe in detail the about different hypothesis on origin of flight

Q.No.3. Write down in detail the survey of Order Squamata up to its suborders level.