



**THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED**

**Q.1. Answer the following short questions: (5x6=30)**

- I. Briefly describe the types and function of scales in different groups of fishes.**
- II. Describe the briefly about circulatory system of amphibians.**
- III. What are evolutionary systematics and cladistic interpretation views regarding amniotic lineage evolution?**
- IV. Briefly describe endothermy in birds**
- V. Describe briefly about subclass theria upto super order level**

**Answer the following questions:**

**Q.No.2. Describe digestive system of birds and also explain the different type of adaptation in their beak structure. (15).**

**Q.No.3. Describe in detail about reproduction, development and metamorphosis in class amphibians (15).**