



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

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

- I. Briefly explain migration and navigation in birds.**
- II. Briefly explain nervous and sensory organ's function of the mammals.**
- III. Briefly explain the circulatory system in birds.**
- IV. How birds perform excretion and being osmoregulated?**
- V. How circulatory system in reptiles works?**
- VI. How do birds perform gas exchange, and being regulated?**

Answer the following questions: (3x10=30)

Q.2 Briefly explain reproduction and development of Chelonia, Squamata, Rhynchocephalia and crocodilian.

Q.3 How you explain about ancient birds with the evolution of flight??

Q.4 Write a note on the reproduction and development of mammals.