

**Ph. D Course Work, 2018
First Sessional Examination
Paper – III
Recent Development in Zoology**

Full Marks: 30

Time: 1 hour

Answer *any three* from the following questions:

1. What do you mean by environmental degradation? State the impact of air pollution on the environment. (2+8=10)
2. Write short notes on the following: (2.5×4=10)
 - (a) Key stone species
 - (b) Flagship species
 - (c) Umbrella species
 - (d) Feral animals
3. Write the correct name of the Environmental act of India. Write in details about the sections of this act. Also write its demerits. (1+6+3=10)
4. Define the term wildlife. State the various techniques of wildlife management in India. (2+8=10)
5. Discuss the present trends in ornamental fish farming in NE India. (10)
6. Discuss in brief the different types of integrated fish farming practiced in India. (10)
7. Write short notes on the following: (5+5=10)
 - (a) Surrogacy
 - (b) Cryopreservation
