



DII-003-018404

Seat No. _____

M. Sc. (Zoology) (Sem. IV) (CBCS) Examination

May / June – 2015

Wildlife Biology & Animal Behaviour (ELE) : Z-422

Faculty Code : 003

Subject Code : 018404

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Q.1. Answer the following very briefly (**any seven**) 2 x 7 = 14
- | | |
|-----------------------------|------------------------------------|
| (a) Define wildlife | (b) What is herpetofauna? |
| (c) Define animal behaviour | (d) Define circadian rhythm |
| (e) What is NGO ? | (f) Describe the importance of Zoo |
| (g) Define parental care | (h) Describe hand tally counter |
| (i) Define altruism | (j) Define imprinting behaviour |
- Q.2. Write short notes (**any two**) 7 x 2 = 14
- (a) Describe the flora and fauna of any Indian desert
(b) Explain the conservation of wildlife in India and its importance
(c) How to rate the creation of Protected Areas (PAs) for *in situ* conservation?
- Q.3. Answer the following : 7 x 2 = 14
- (a) Wildlife Protection Act, 1972
(b) Success of Musk Deer Project
- OR**
- Q.3. Answer the following : 7 x 2 = 14
- (a) Categories of Endangered Wildlife
(b) List the items of wildlife trade and mention the areas of their origin
- Q.4. Answer the following: 7 x 2 = 14
- (a) Compare and contrast intensive and extensive wildlife management
(b) Describe a brief account of the zoogeographical realms and types of animal distribution
- Q.5. Answer the following (**any two**) : 7 x 2 = 14
- (a) Write a short note on the social behavior and parental care
(b) Briefly describe the kin selection concept
(c) Briefly describe the socio-biology of mammals
(d) Write a short note on the migratory behavior of birds and mammals