



MBU-003-1184004 Seat No. _____

M. Sc. (Sem. IV) (CBCS) (W.E.F. 2016) Examination

April / May - 2018

Zoology : ZOOL - 422

(Wildlife Biology & Animal Behaviour)

(Elective)

Faculty Code : 003

Subject Code : 1184004

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

[Total Marks : 70

1 Answer the following very briefly : (any seven) 2×7=14

- (a) Define animal behaviour.
- (b) What is imprinting behavior ?
- (c) What are the fauna of Eastern Himalayan system ?
- (d) What is NGO ?
- (e) Define circadian rhythm.
- (f) Define altruism.
- (g) What are the salient features of the birds ?
- (h) Describe the importance of Zoo.
- (i) Define wildlife with example.
- (j) What is Ratite ?

2 Write short notes : (any two) 7×2=14

- (a) Write a note on the status and importance of conservation of wildlife in India.
- (b) Give a brief account of the wildlife of the Indian desert.
- (c) Give an account of the items of wildlife trade and mention the areas of their origin.

- 3** Answer the following : **7×2=14**
- (a) Briefly describe the Project Tiger and its importance.
 - (b) Describe the main features of the Wildlife Protection Act, 1972.

OR

- 3** Answer the following : **7×2=14**
- (a) Write a short note on the Marine National Park.
 - (b) Give a detailed account on the project Crocodile.

- 4** Answer the following : **7×2=14**
- (a) Write a short note on flightless birds.
 - (b) Describe adaptive radiation.

- 5** Answer the following : (any two) **7×2=14**
- (a) Describe any two National Parks of India depicting their importance.
 - (b) Describe any two sanctuaries of Gujarat depicting their importance.
 - (c) What are the equipment's being used for wildlife management ? Describe briefly.
 - (d) Compare and contrast intensive and extensive wildlife management.
