



DO-003-1184004

Seat No. _____

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

March / April - 2022

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) What is IHR ?
 - (b) Make list of National Park in Himalaya.
 - (c) Why is India called a peninsula ?
 - (d) What is desert ? Explain.
 - (e) How many National Parks are there in Gujarat ? Listing well.
 - (f) What is Biosphere reserve ? Give example.
 - (g) Define GIS as wildlife tool.
 - (h) Explain Ex-situ conservation with example.
 - (i) Explain Instinct Behavior.
 - (j) What is Migration ? Why does animal migrate ?
- 2** Answer of the following. (Any Two) **7×2=14**
- (a) Write detailed note on 'Mangrove Forest' of India.
 - (b) Write note on Great Rann.
 - (c) Write note on Flora and Fauna of Andaman and Nicobar Islands.

3 Answer the following : **7×2=14**

- (a) Write detailed note on extensive and intensive management.
- (b) Write detailed note on wildlife damage control programs.

OR

- (a) Write detailed note on Project Tiger.
- (b) What are the management objectives of Project Crocodile.

4 Answer the following : **7×2=14**

- (a) Describe the causes of wildlife depletion
- (b) Describe the Sanctuaries of Gujarat.

5 Answer the following. (Any Two) **7×2=14**

- (a) Give brief note on Animal Behaviour
- (b) Describe Circadian Rhythm
- (c) Write note on Kin Selection
- (d) Give brief note on Zoogeographical Region.

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