



BBC-003-1184004 Seat No. _____

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

July – 2021

**Wildlife Biology & Animal Behaviour : Paper - 422
(Elective)**

Faculty Code : 003

Subject Code : 1184004

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

[Total Marks : 70

Instruction : Attempt any Five

- 1 Answer the following very briefly : **2×7=14**
- (a) Enlist Biogeographic Zones in India.
 - (b) Define Desert.
 - (c) Name any four Sanctuaries in Gujarat with location.
 - (d) What is chemical tranquilization?
 - (e) What is Wildlife trade?
 - (f) What is Biological clock?
 - (g) Enlist the Zoogeographical realms.
- 2 Answer the following very briefly : **2×7=14**
- (a) Why India is called a peninsula?
 - (b) What is the largest delta in India?
 - (c) Name the NP of India has One horned Rhinoceros.
 - (d) What is the ungulates damage?
 - (e) What is Red Data Book?
 - (f) Pithoragarh project known for what?
 - (g) What is Pavlovian?
- 3 Answer the following : **7×2=14**
- (a) Write notes on fauna of Western Himalayan mountain system.
 - (b) Write notes on wildlife of Indian deserts.

- 4 Answer the following : **7×2=14**
(a) Brief account on wildlife of the Mangrove forests.
(b) Write notes on Rodents.
- 5 Answer the following : **7×2=14**
(a) Write notes on Kaziranga National Park.
(b) Explain the conservation of wildlife in India and its importance.
- 6 Answer the following : **7×2=14**
(a) Write notes on Siberian Crane or Dachigam N.P.
(b) Describe briefly the differences between National park and Sanctuaries.
- 7 Answer the following : **7×2=14**
(a) Give a note on identification of damage
(b) Describe the use of GPS for Wildlife Management.
- 8 Answer the following : **7×2=14**
(a) Write notes on Crocodile project and Success of Musk Deer Project.
(b) Describe the illegal trade on organs of wild animals.
- 9 Answer the following : **7×2=14**
(a) Write notes on Instinct behavior.
(b) Write notes on Birds of Neotropical realm.
- 10 Answer the following : **7×2=14**
(a) Describe Catadromus migration in fish.
(b) Write a short note on the social behavior and parental care.