

# SECOND SEMESTER EXAMINATION 2021-22

## M.Sc. - Zoology Paper - III Animal Behaviour

Time : 3.00 Hrs.

Max. Marks : 80

Total No. of Printed Page : 02

Mini. Marks : 29

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**Note:** Question paper is divided into three sections. Attempt question of all three section as per direction. Distribution of Marks is given in each section.

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### Section - 'A'

#### Very Short answer questions (in few words)

**Q.1 Attempt any six questions from the following :**

**6x2=12**

- (i) Write the cause of migration ?
- (ii) What is function of song ?
- (iii) What is the wagle dance ?
- (iv) What is the advantages of territoriality ?
- (v) Write the advantage of locking in birds ?
- (vi) What is the anadromous migration ?
- (vii) How many forms of aggression ?
- (viii) What is the uses of Echolocation ?

(2)

- (ix) Write the characteristics of Habituation.

### Section - 'B'

**Q.2 Attempt any four questions from the following questions :**

**4x5=20**

- (i) Explain the operant conditioning ?
- (ii) Explain the insight learning ?
- (iii) Write the types of fish migration ?
- (iv) Explain the Homing ?
- (v) Define the sexual selection ?
- (vi) Write the social life of honey bee ?
- (vii) Explain the Povlove's experiment ?

### Section - 'C'

**Long answer/Essay tye question :**

**Q.3 Attempt any four questions from the following questions :**

**4x12=48**

- (i) Write essay on bird migration ?
- (ii) Why locking in V shaped ?
- (iii) What is the courlship behavior. Explain with situation example ?
- (iv) Write the catadromous migration and potamodromous migration ?
- (v) Describe the auditory communication ?

(3)

- (vi) Explain the type and function of pheromones ?
- (vii) Explain the echolocation in Bal.
- (viii) Explain the mating system in animals ?

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