

K-548

Total Pages : 3

Roll No.

MSCZO-509

ANIMAL BEHAVIOR

M.Sc. Zoology (MSCZO)

2nd Semester Examination, 2023 (Dec.)

Time : 2 Hours]

Max. Marks : 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. Explain in detail the instinctive behaviour of animals.
2. Define aggression. Also describe various types of aggressive behaviours and their causes.
3. Give detailed explanation of mechanism of navigation in birds with the help of suitable examples.
4. Describe in detail "Prey Model of Foraging."
5. What is circadian rhythm? How circadian rhythm influences the endogenous and exogenous system of animal behaviour. Also, mention its significance.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. Write note on motivated behaviour.
2. Give brief account of social organization in insects.
3. Explain migration in fishes with suitable examples.
4. Describe the role of hormones associated with sexual behaviour.

5. What is optimality theory? Write its examples.
 6. Write short notes on five types of learning.
 7. Give detailed account of conflict behaviour.
 8. Write notes on:
 - (a) Inbreeding avoidance hypothesis.
 - (b) Determinants of habitat selection.
-

