



RAN-1903080503020001

M.Sc. (Sem. - III) Examination October - 2025

Zoology : Chronology and Animal Behaviour (Paper - 3002)

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) Mention below given details in answer book
- (3) Figures to the right indicate full marks.
- (4) Draw neat and labeled diagrams wherever necessary

Seat No.:

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Student's Signature

- Q. 1 Answer any Two of the following: (18)**
- A. **Write detail notes on:** Biological clock.
 - B. **Explain:** What are the different types of pheromones? Give examples.
 - C. **Describe:** Stimulus filtering in animal behaviour.
- Q. 2 Answer any Two of the following: (18)**
- A. **Write detail notes on:** Altruism and selfishness as asocial behaviour.
 - B. **Explain:** Sexual behaviour.
 - C. **Describe:** Why primates considered highly social animals?
- Q. 3 Answer any Two of the following: (18)**
- A. **Write detail notes on:** Specific specificity of songs
 - B. **Explain:** Elements of sociobiology.
 - C. **Describe:** Evolution of animal signals
- Q. 4 Answer any Two of the following: (16)**
- A. **Write detail notes on:** Territoriality and Group foraging.
 - B. **Explain:** Migration in birds.
 - C. **Describe:** Describe various types of defence strategies against predators.