

Time: 2 Hrs. 30 Min

Marks: 60

Please check whether you have received the right question paper.

- N.B:** 1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat and labelled diagrams wherever necessary.
4. Answer the questions in proper order.

Q.1 Describe the following:

a) Classical conditioning with suitable example. (08)

OR

a) Two types of innate behaviour (08)

b) Instrumental learning and insight learning. (08)

OR

b) Aspects of non-human primate social behaviour. (08)

Q.2 Explain the following:

a) Adaptation in ectoparasite (08)

OR

a) Life cycle of *Entamoeba histolytica* (08)

b) Head louse (08)

OR

b) Significance of toxoplasmosis (08)

Q.3 Answer the following:

a) Advantages and disadvantages of traditional apiculture (08)

OR

a) Filtration, cooling and chilling method in dairy processing (08)

b) Preparation of cheese (08)

OR

b) Diseases of honey bee (08)

Q.4 Write short notes on:

a) Displacement activity in animal behaviour. (04)

OR

a) Batesian mimicry (04)

b) Types of vector (04)

OR

b) Parasitological significance of rabies (04)

c) Methods of pasteurization of milk (04)

OR

c) Preparation of barfi (04)