

2025

M.Sc.. 2nd Semester Examination, 2025

ZOOLOGY

(Parasitology)

PAPER – ZOO 207

*Full Marks: 25**Time : 1 Hours**The Figures in the right-hand margin indicate full marks.**Candidates are required to give their answers in their own words as far as practicable.**Illustrate the answers wherever necessary.*

Answer any two questions

2 x 2

- 1 What is Phoresis? Give an example.
- 2 What are micotriches? State their functions.
- 3 Define vector. Give an example of two vector-borne diseases and their related vectors.
- 4 What do you mean by Parasitoid? Give an example.

Answer any two questions

2 X 4

5. Describe the morphological features of the trophozoite of *Balantidium sp.* With a suitable diagram.

6. Enumerate the structure of the Cestode tegument with a proper diagram.
7. State the morphological features of the tick. Comment on its control measures.
8. Write the functions of the following organs in the digenetic trematode larva.
 - i. Escape gland
 - ii. Head gland
 - iii. Postacetabular gland
 - iv. Preacetabular gland

Answer any question

1 X 8

9. Explain endemic, epidemic, and pandemic. Describe the epidemiology of Kalaazar. (3+5)
10. Explain the life cycle, pathogenicity, and prophylaxis of *Paragonimus westermani* (5+2+1)

Internal Assessment: 05 Marks