

Total No. of Printed Pages:02

SUBJECT CODE NO: - FNP-6099

FACULTY OF SCIENCE AND TECHNOLOGY

MSC. F.Y.(SEM-I) (NEP Pattern-2023-2024) Zoology

Examination November / December 2025

Helminthology-I - SAC165041T

[Time: 1:30 Hours]

[Max. Marks: 45]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) Draw diagram whenever necessary.
- 3) Use Only blue or black pen for writing.

Q1 Attempt the following multiple-choice question.

10

i) Autoinfection most probably occurs in

- | | |
|------------------------|-------------|
| a) Taeniasaginata | b) T.solium |
| c) Hymenolepisdiminuta | d) D.latum |

ii) Attachment in tapeworm is affected by

- a) hooks
- b) suckers
- c) both a & b
- d) none of these



iii) Which of the following type is Schistosoma cercariae.....

- | | |
|-----------------|-----------------|
| a) Furcocercous | b) Leptocercous |
| c) Lophocercous | d) Microcercous |

iv) Helminthic disease are transmitted through all except.....

- | | |
|--------------------------------|----------------------|
| a) contaminated food | b) contaminated soil |
| c) touching an infected person | d) dirty hands |

v) Cercaria infecting sheep were first observed by

- | | |
|-----------|------------------|
| a) Thomas | b) Jehan de Brie |
| c) Larack | d) none of these |

Q2 Write short note on any three

- i) Describe various types of cercaria
- ii) Explain single intermediate host life cycle in trematodes
- ii) Draw a labelled diagram of morphology and life cycle of monogenea
- iv) Write a note life cycle pattern in cestodes.
- v) Narrate on factor influencing embryonation & hatching

**Q3 Attempt any two in detail.**

- i) Functional anatomy and reproductive system of trematodes and cestodes
- ii) Write a note on two intermediate host life cycle
- iii) Explain holdfast organs with its adaptation in cestodes.