

This question paper contains 2 printed pages]

GA—73—2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (First Year) (First Semester) EXAMINATION

APRIL/MAY, 2023

(New Pattern)

ZOOLOGY

Paper I

(Biodiversity of Invertebrates)

(Thursday, 4-5-2023)

Time : 10.00 a.m. to 12.00 noon

Time— Two Hours

Maximum Marks—40

N.B. :— (i) Attempt *All* questions.

(ii) Illustrate your answer with suitable and labelled diagrams wherever necessary.

1. Describe the structure, life-cycle, pathogenicity and control of *Taenia solium*. 15

Or

(a) Describe in detail the general characters of phylum Porifera. 8

(b) Describe the different locomotory organelles in Protozoa. 7

2. Describe the Nervous system of Cockroach. 15

Or

(a) Describe in detail the general characters of Mollusca. 8

(b) Describe in brief the Larval forms in Echinodermata. 7

P.T.O.

WT

(2)

GA—73—2023

3. Write short notes on any *two* of the followings : 10

- (a) Canal system in Sycon
- (b) Polymorphism in Hydrozoa
- (c) Vermicomposting
- (d) General characters and affinities of Hemichordata.

GA—73—2023

2