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**PA—55—2024**

**FACULTY OF SCIENCE**

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

**MARCH/APRIL, 2024**

**ZOOLOGY**

**(New Pattern)**

**Paper-I**

**(Biodiversity of Invertebrate-I)**

**(Friday, 19-04-2024)**

**Time : 10.00 a.m. to 12.00 noon**

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*Time—2 Hours*

*Maximum Marks—40*

**N.B. :-** (i) Attempt *all* questions.

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

1. Explain in detail account of life cycle, pathogenicity and control measures of *Ascaris lumbricoides*. 15

*Or*

(i) General characters of Porifera. 8

(ii) Explain locomotory organ in Protozoa. 7

P.T.O.

2. Explain in detail respiratory system of cockroach. 15
- Or*
- (a) Describe general characters of Mollusca. 8
- (b) Add a note on external morphology of starfish. 7
3. Write short notes on (any *two*) : 5+5
- (a) Describe pathogenicity and control measures of Plasmodium vivax.
- (b) Structure of Taenia solium
- (c) Vermicomposting
- (d) General characters of hemichordata.