



27125(New)

B.Sc. I Semester Degree Examination, March/April - 2021

ZOOLOGY

Biology of Non-Chordata

Paper - Z-1.1

(New)

Time : 3 Hours

Maximum Marks : 60

Instructions to Candidates:

1. Part - A All questions are Compulsory
2. Part-B Answer any **five** question out of seven question
3. Draw a neat labelled diagram wherever necessary

PART - A

I Answer the following

(10×1=10)

- 1) Schizogony.
- 2) Pedal ganglia.
- 3) Spongocoel.
- 4) Diploblastic.
- 5) Hermaphrodite.
- 6) Pseudocoelom.
- 7) Setae.
- 8) Mantle.
- 9) Peripatus.
- 10) Aristotles' lantern.

PART - B

Answer any **Five** of the following

II a) Binomial nomenclature.

(2×5=10)

b) Classify phylum porifera with suitable examples.

[P.T.O.]



- III a) General Characters of Aschelminthes with suitable examples. (2×5=10)
b) Cephalic Appendages of Prawn.
- IV a) Write the salient features of phylum Coelenterata with examples. (2×5=10)
b) Sketch and label mouth parts of Butterfly.
- V a) Classify the phylum Echinodermata with suitable examples. (2×5=10)
b) Describe the morphology of unio.
- VI Describe structure of sporozoite & explain the life cycle of plasmodium vivax in mosquito. (1×10=10)
- VII Explain digestive system of Earthworm (*Pheretima postuma*) (1×10=10)
- VIII Describe the general characters of phylum Platyhelminthes & Classify with suitable examples. (1×10=10)
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