



27125(New)

B.Sc. I Semester Degree Examination, Oct./Nov. - 2018

ZOOLOGY

Biology of Nonchordates

Paper - Z - 1.1

(New)

Time : 3 Hours

Maximum Marks : 60

Instructions to Candidates:

- 1) Answer should be specific to the questions.
- 2) Draw neat labelled diagram wherever necessary.

PART - A

I. Answer the following.

(10×1=10)

1. Genus
2. Signet ring stage.
3. Bilateral symmetry.
4. Spongocoel
5. Planula larva
6. Flame cells
7. Setae
8. Omnivorous
9. Lines of growth.
10. Tube feet.

PART - B

Answer any **FIVE** of the following.

II. a) Trinomial system of Nomenclature.

(2×5=10)

b) Ascon and sycon type of canal system.

III. a) Life cycle of Plasmodium Vivax in mosquito.

(2×5=10)

b) General characters of Phylum Coelentrata.

[P.T.O.]



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- IV. a) Maxillipedes of Prawn. (2×5=10)
b) General characters of Phylum Aschelminthes.
- V. a) Classify Echinodermata with suitable examples. (2×5=10)
b) Sketch and label mouthparts of Butterfly.
- VI. Explain digestive system of Earthworm. (1×10=10)
- VII. Describe Parasitic adaptations in Helminthes. (1×10=10)
- VIII. Explain general characters of phylum Mollusca and classify it up to class with suitable examples. (1×10=10)
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