



11126

B.Sc. I Semester Degree Examination, November/December 2016

ZOOLOGY

Paper 1.1 : Biology of Non-Chordata

Time : 3 Hours

Max. Marks : 80

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

I. Answer **any ten** of the following :

(2×10=20)

- 1) Flagellata.
- 2) Genetic diversity.
- 3) Contractile vacuole.
- 4) Cnidocytes.
- 5) Hexacanth larva.
- 6) Pseudocoelom.
- 7) Setae.
- 8) Tracheal respiration.
- 9) Peripatus.
- 10) Crystalline style.
- 11) Pedal ganglia.
- 12) Tube feet.

II. Answer **any four** of the following :

(5×4=20)

- 13) Write a note on Coral reefs.
- 14) Explain in brief about Binomial nomenclature.
- 15) What are the distinctive features of phylum platyhelminthes ?
- 16) What are parasitic adaptations of Guinea worm and hookworm ?
- 17) What are the ecological adaptations of polychaets ?
- 18) What are the differences between class crustacea and class Insecta of phylum Arthropoda ?



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