



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**

**FIRST SEMESTER – APRIL 2017**

**16UZ01MC01- INVERTEBRATA**

Date: 19-04-2017  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

**PART-A**

Answer **ALL** questions:

**(10 × 2 = 20 marks)**

1. What is Euglena?
2. Comment on Simple Sponge?
3. Define Proglottids.
4. What is Coelom?
5. List out the classes of Mollusca.
6. What are Sporozoites?
7. What is Cnidaria?
8. Mention the classes of Platyhelminthes?
9. State the functions of Hirudin?
10. Comment on Auricularia larva.

**PART-B**

Answer any **FOUR** of the following questions:

**(4 × 10 = 40 marks)**

11. Explain the life cycle of Entamoeba.
12. Write notes on General characters and Classification of phylum Ctenophora upto class with examples.
13. Highlight the Parasitic Adaptations in Platyhelminthes.
14. Give an account on Metamerism.
15. Write short notes on Torsion in Gastropoda.
16. Briefly explain the Life cycle of Ascaris.

**PART-C**

Answer any **TWO** of the following questions:

**(2 × 20 = 40 marks)**

17. Describe the details of Reproduction in Paramecium.
18. Explain in detail about the Corals and Coral reefs.
19. Illustrate the life cycle of Prawn with neat diagrams.
20. Write brief notes on Water vascular system in Echinodermata.

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