

**C. ABDUL HAKEEM COLLEGE (AUTONOMOUS),
MELVISHARAM - 632 509.
SEMESTER EXAMINATIONS, NOVEMBER - 2018**

B.Sc., ZOOLOGY

U18MZL101 – INVERTEBRATA

SEMESTER I

Time: Three Hours

Maximum: 75 Marks

SECTION - A (10 X 2 = 20 Marks)

Answer **ALL** Questions.

Define / Explain the following:

1. Pseudopodia.
2. Cilia.
3. Ostia.
4. Budding.
5. Hermaphrodite.
6. Rhabdiform larva.
7. Clitellum.
8. Statocysts.
9. Radula.
10. Tube feet.

SECTION - B (5 X 5 = 25 Marks)

Answer **ALL** Questions.

11. a) List out the characteristic features of Protozoa.
(Or)
b) Define Amoebiasis and explain it.

12. a) Explain the body wall in Sponges.

(Or)

- b) Describe the structure and function of Nematoblasts in Obelia.

13. a) Draw a neat labelled diagram of Tapeworm.

(Or)

- b) List out the Helminth parasites.

14. a) Write down the classification up to classes of Annelida.

(Or)

- b) Give a brief account on the larval forms in Crustaceans.

15. a) Describe the mantle cavity of freshwater Mussel.

(Or)

- b) Explain the water vascular system of Star fish.

SECTION - C (3 X10 = 30 Marks)

Answer **ANY THREE** Questions.

16. Give a detailed account on reproduction in protozoa.
17. Write an essay on reproduction in Obelia.
18. Write an essay on the life cycle of *Taenia solium*.
19. Write an essay on mouth parts of insects.
20. Give a detailed account on Echinoderm larvae and their significance.
