

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

B.Sc., ZOOLOGY

U15MZL101 – INVERTEBRATA

SEMESTER II

Time: Three Hours

Maximum: 75 Marks

SECTION - A (10 X 2 = 20 Marks)

Answer **ALL** Questions.

1. How the Protozoans do locomotion?
2. Draw the structure of *Amoeba*.
3. Define the polymorphism.
4. Comment on the Ostia.
5. Give the adaptations of parasitic worms.
6. Mention the human diseases caused by Nematode parasites.
7. State on the labial groove of House flies.
8. Illustrate the mouth parts of Honey bee.
9. List out any two salient features of Freshwater Mussel.
10. What type of foot in *Amphineura*?

SECTION - B (5 X 5 = 25 Marks)

Answer **ALL** Questions.

11. a) Write a short note on Binomial nomenclature.
(Or)
b) Explain the general organization of *Paramecium*.
12. a) Enlist the general characters of Coelenterates.

(Or)

- b) Elucidate the morphology of Obelia with neat diagram.
13. a) Explain the pathogenesis, prevention and treatment of *Taenia solium*.
(Or)

b) Write the salient features of Platyhelminthes.

14. a) Outline the classification of Arthropoda upto class level with example.
(Or)

b) Give the morphology of Shrimp with neat labeled diagram.

15. a) Discuss the larval forms of Echinoderms.
(Or)

b) Bring out the habitat and salient features of the Sea star.

SECTION - C (3 X10 = 30 Marks)

Answer **ANY THREE** Questions.

16. Compute the general characters and classification of Protozoa.
17. Enumerate and explain the canal system in Sponges.
18. Elaborate on the metamerism in Annelids by providing example.
19. “*Peripatus* is a connecting link between Annelida and Arthropoda”-Substantiate.
20. Describe the general characters and classification of Mollusca up to class level.
