

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

**M.Sc., ZOOLOGY SEMESTER I
P18MZL101 – LIFE AND DIVERSITY OF INVERTEBRATES**

Time: Three Hours

Maximum: 75 Marks

SECTION - A (5 X 6 = 30 Marks)

Answer ALL Questions.

1. a) Explain the Flagellar movement in protozoans.
(Or)
b) Give an account on the various types of spicules.
2. a) Polymorphism in cnidarians - Explain.
(Or)
b) How Platyhelminthes are adapted to parasitic mode of life? Explain.
3. a) Comment on Adaptive radiation in polychaetes.
(Or)
b) Enlist the Affinities of Limulus.
4. a) Write brief notes on the “Origin of mollusca”.
(Or)
b) Explain the Phylogeny of echinoderms.
5. a) Write brief notes on “Rotifera”.
(Or)
b) List out the Evolutionary significance of cephalopods.

**SECTION - B (3 X 15 = 45 Marks)
Answer ANY THREE Questions.**

6. Write an account on the Principles involved in the classification of animal kingdom.
7. Give an account on the Coral reefs.
8. Give an account on the Economic importance of crustaceans.
9. Torsion in mollusca - Discuss.
10. Write an essay on “Ctenophora and its affinities”.
