

B.Sc. DEGREE END SEMESTER EXAMINATION OCTOBER 2016
SEMESTER – 1: ZOOLOGY (CORE COURSE)

COURSE: 15U1CRZOO1: ANIMAL DIVERSITY – NON CHORDATA 1

Common for Regular (2016 Admission) & Supplementary / Improvement (2015 Admission)

Time: Three Hours

Max Marks: 60

*Answer **all** question in part A. Answer **any 6** question from part B.
Any **4** from part C. Any **2** from part D*

PART A

1. What is Axopodia?
2. What are Deuterostomes?
3. Define Polymorphism?
4. What are Lasso cells?
5. What is Giardiasis?
6. Differentiate between Pseudocoelomates & Eucoelomates?
7. How is Pebrine disease caused?
8. What is Atoll reef? (1 x 8 = 8)

PART B

9. Explain osmoregulation with an example?
10. What are Gemmules?
11. What are the characters of Sycon ?
12. What are Mesozoans give an example?
13. Describe Metagenesis with an example.
14. Explain Binary fission with an example?
15. Explain the characters of phylum Chlorophyta
16. What is Cliona? Mention its economic importance. (2 x 6 = 12)

PART C

17. Explain The Five Kingdom Classification?
18. Explain the characters of Phylum Ctenophora with an example.
19. Write a note on Canal System in Sponges?
20. Write a short note on the classification of Coelenterates.
21. Explain the different reproductive methods in sponges.
22. Write a note on the importance of Biology and major mile stones? (4 x 4 = 16)

PART D

23. Elucidate the importance of coral reefs with special emphasis on its conservation.
24. Write an essay on life cycle of Plasmodium.
25. Describe the classification of sponges with examples.
26. Explain the various modes of reproduction in Paramecium? (12 x 2 =24)
