

Reg..... Name.....

BSc DEGREE EXAMINATION - OCTOBER 2015

SEMESTER: 1 - ZOOLOGY (COMPLEMENTARY)

COURSE: U1CPZOO1: ANIMAL DIVERSITY – NON-CHORDATA

(Supplementary / Improvement)

Time: Three Hours

Max. Marks: 60

Part A

(Answer **all** Questions. Each carries 1mark)

1. What is meant by Binomial Nomenclature?
2. Common name of Noctiluca.
3. What is Metagenesis?
4. What are “green glands”?
5. What is Pedecellaria ?
6. What is cnidoblast ?
7. What do you mean by autotrophic nutrition?
8. The scientific name of “ Green mussel” . (1 x 8 = 8)

Part B

(Answer any **six** Questions. Each carries 2marks)

9. Write short notes on parasitic adaptations of Ascaris
10. Demerits of Five kingdom classification.
11. Economic importance of Sepia.
12. Enumerate four salient features of Phylum Hemichordata
13. What is Petasma?
14. What is incomplete metamorphosis?
15. Write the morphological features of Centepede.
16. Sketch and label the statocyst.
17. Name the vector and causative organism of Malaria. (2 x 6 = 12)

Part C

(Answer any **four** Questions. Each carries 5 marks)

18. Enumerate the salient features of Phylum Porifera.

19. Briefly explain the lifecycle of *Taeniasolium*.
20. Write any two pests of paddy and the damages caused by them.
21. Explain the salient features of Aurelia.
22. Give an account of canal system in Porifera
23. Evolutionary significance of Limulus. (5 x 4 = 20)

Part D

(Answer any **two** Questions. Each carries 10 marks)

24. Describe five salient features each of the following Phyla.
a) Rhizopoda b) Sporozoa c) Parabasalia d) Euglenophyta.
25. Explain with neat and labelled diagram of thoracic appendages of Prawn.
26. Write an essay on the pests of stored grains.
27. Describe the circulatory system in Prawn. (10 x 2 = 20)
