

B. Sc. DEGREE END SEMESTER EXAMINATION MARCH 2017**SEMESTER – 2: ZOOLOGY (CORE COURSE)****COURSE: 15U2CRZOO2: ANIMAL DIVERSITY – NON CHORDATA – II***(Common for Regular 2016 admission and Supplementary 2015 admission)*

Time: Three Hours

Max. Marks: 60

PART AAnswer **all** Questions. Each question carries 1 mark.

1. Digenetic parasite.
2. Booklungs.
3. Protonephridia.
4. Syncitium.
5. Living fossil.
6. Scientific name of Filarial worm.
7. Radula.
8. Madreporite.

(1 x 8 = 8)

PART BAnswer **any six** questions. Each question carries 2 marks.

9. What is Aristotle's lantern?
10. What is Clitellum?
11. Write the symptoms of Schistosomiasis.
12. What is gastric mill?
13. Comment on *Aplysia*.
14. Classify Phylum Echinodermata upto classes.
15. Mention the characters of *Limulus*.
16. What are the functions of Tubefeet?

(2 x 6 = 12)

PART CAnswer **any four** questions. Each question carries 4 marks.

17. Write a brief note on rice bug.
18. Give the salient features of Phylum Hemichordata.
19. Explain the process of Pearl formation.
20. With suitable diagrams describe the Circulatory system in *Panaeus*
21. Write on the morphological features of Chaetopterus.
22. Give the parasitic adaptations of *Taenia solium*.

(4 x 4 = 16)

PART DAnswer **any two** questions. Each question carries 12 marks.

23. Write an essay on affinities of *Balanoglossus*.
24. Describe the larval forms of *Panaeus*.
25. Write an essay on the life history of *Fasciola hepatica*.
26. Describe the larval forms in Phylum Echinodermata.

(12 x 2 = 24)
