

TB182430A

Reg. No:.....

Name:.....

B. Sc. DEGREE (C.B.C.S.S) EXAMINATION, MARCH 2019

(2018 Admission Regular)

SEMESTER II – CORE COURSE (ZOOLOGY)

ZY2B02B18 - ANIMAL DIVERSITY- NON CHORDATA

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer any ten questions. Each question carries 1 mark

1. What are Gemmules?
2. What is Schistosomiasis?
3. Define coelom.
4. Comment on sulphur sponges
5. What is evisceration?
6. Write note on *Chaetopterus*.
7. Name the phylum of tusk shell.
8. What are Choanocytes? Give an example
9. Name the anticoagulant produced by Leech
10. Give an account on extinct Trilobite.
11. Metazoa
12. What is a 'cuttle bone'?

(10x 1= 10)

PART B

II. Answer any six questions. Each question carries 5 marks

13. Classify porifera upto classes with examples of each class
14. Explain canal systems in sponges
15. Explain parasitic adaptations in liver fluke.
16. Write an account of class Phasmodia and Aphasmodia with example.
17. Explain the parasitic castration of crabs?
18. Describe the structure of an Ommatidia and the 2 types of vision in prawn.
19. Explain the process of pearl formation and add a note on its economic importance.
20. What is branchial formula? Explain the respiration in prawn.
21. Give an account on blood vascular system in *Penaeus*.

(6 x5 = 30)

PART C

III. Answer any two questions. Each question carries 10 marks

22. Write an essay on classification of animal kingdom with examples of each class
23. Explain with examples different pathogenic nematodes in man.
24. With the help of diagram explain larval forms in Echinodermata.
25. Write an essay on life history of *Fasciola*? Illustrate.

(2x10=20)