QP CODE: 20101150

20101150

Reg No : .....

Name : .....

B.Sc. DEGREE (CBCS) EXAMINATION, NOVEMBER 2020

Second Semester

Core Course - ZY2CRT02 - ANIMAL DIVERSITY - NON CHORDATA

(Common for B.Sc Zoology Model I ,B.Sc Zoology Model II Aquaculture,B.Sc Zoology Model II Food Microbiology ,B.Sc Zoology Model II Medical Microbiology)

2017 ADMISSION ONWARDS

01F12F4C

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

Each question carries 1 mark.

1. Comment on mesozoa.
2. Comment on venous flower basket.
3. What is measly pork?
4. What is onchosphere?
5. What is petasma?
6. What is haemolymph?
7. Draw the female reproductive system of prawn.
8. What are pectines?
9. Mention the class to which Cyclops belong.
10. What are gonopods?
11. What is called as 'tusk shell'?
12. Mention the larva of Echinoidea.

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Briefly explain canal system in sponges.

14. Describe the characteristic features of Metridium.

15. What are the different types of coral reefs?

16. Write note on ancylostomiasis.

17. Explain the various types of respiration in Penaeus. Add a note on the mechanism.

18. Give an account on the structure of the eyes in Penaeus.

19. Write the morphological characters of Peripatus.

20. Describe the salient features of Mollusca.

21. Explain the water vascular system in Echinoderms.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Write an essay on the classification of Phylum Annelida with examples.

23. Write an essay on the larval stages of prawn.

24. Compare and contrast the characteristic features of Trilobitomorpha and Uniramia with suitable examples.

25. Write an essay on Phylum Hemichordata.

(2×10=20)