22103150

QP CODE: 22103150

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE EXAMINATIONS, OCTOBER 2022

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

4271BE82

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is apopyle?
2. What are tentacle sheath?
3. Why Fasciola is known as a digenetic parasite?
4. What is trichinosis?
5. Comment on chelipeds.
6. What is gastric mill?
7. Comment on excretory system in Penaeus.
8. Why are Onychophorans known as velvet worms?
9. Comment on caudal spine.
10. What are forcipules?
11. What are statocyst?
12. What is funnel?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Describe the body plan of Rhopalura.
14. List the salient features of class Porifera.
15. What are coral reefs? Explain different types of coral reefs.
16. Write a note on Echinococcus.
17. Describe the nervous system of Penaeus with a neat labeled diagram.
18. Write short notes on mysis and protozoea.
19. What are the salient features of trilobites?
20. Write a note on respiratory trees.
21. Describe the salient features of Chaetognatha.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Write an essay on nematode parasites of man.
23. Describe the reproductive system in Penaeus. Add a note on the development.
24. Compare and contrast the characteristic features of Chelicerata and Onychophora with suitable examples.
25. Compare and contrast the water vascular system in different classes of Echinodermata.

(2×10=20)