

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, NOVEMBER 2015**First Semester**

Complementary Course—ZOOLOGY—ANIMAL DIVERSITY—NON CHORDATA

(Common for all programmes having Zoology as complementary subject except B.Sc.
Botany Model II)

(2013 Admission onwards)

Time : Three Hours

Maximum : 60 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

1. Common name of Actinophrys.
2. Paramecium belongs to which phyla ?
3. Give an example of pest in stored grains.
4. In which class butterfly included ?
5. Scientific name of Indian white prawn.
6. What is medusa ?
7. Which animal is known as Portuguese Man of War ?
8. Which invertebrate is commonly known as Slipper animalcule ?

(8 × 1 = 8)

Part B*Answer any six questions.**Answer in one paragraph each.**Each question carries 2 marks.*

9. What is metamorphosis ?
10. What are the parasitic adaptations of leech ?
11. What is clitellum ? Where it is seen ?
12. What is polymorphism ?
13. What is cephalisation ?
14. What is flame cell ?
15. What is radula ?
16. What is hermaphroditism ?

Turn over

17. Mention any four characteristics of phylum dinoflagellata.
18. What is parapodium ?

(6 × 2 = 12)

Part C

*Answer any four questions.
Answer in one page each.
Each question carries 4 marks.*

19. Mention the affinities of onychophorans ? Give an example.
20. Give an account of the economic importance of phylum mollusca.
21. What are the parasitic adaptations in nematodes ?
22. What are the salient features of phylum arthropoda ?
23. Write a note on Trichina worm.
24. Explain the life cycle of Entamoeba.

(4 × 4 = 16)

Part D

*Answer any two questions.
Answer should not exceed four pages each.
Each question carries 12 marks.*

25. Explain the salient features of phylum mollusca. Name the classes giving examples with short description.
26. Give an account of the appendages of prawn.
27. Write an account of the pests in stored food grains.
28. What are the salient features of kingdom protista. Classify up to phylum giving examples.

(2 × 12 = 24)