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Reg. No. : .....

Name : .....

**First Semester B.Sc. Degree Examination, August 2021**

**First Degree Programme under CBCSS**

**ZOOLOGY**

**Core Course I**

**ZO 1141- ANIMAL DIVERSITY - I**

**(2015-2019 Admission)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** the questions [in **one** or **two** sentences] Each question carries **1** mark.

1. ICZN.
2. Choanocyte.
3. Animal that causes Parasitic castration in crabs.
4. Protozoan that leads a symbiotic life inside termites
5. An example for a phosphorescent marine Mastigophora.
6. Internal shell of Sepia.
7. Trichocysts.
8. Scientific name of the Filarial Worm.

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9. Madrepora.
10. Common name of *Physalia*.

(10 × 1 = 10 Marks)

### SECTION – B

Answer any **eight** questions [not to exceed **one** paragraph] Each question carries **2** mark.

11. Metagenesis
12. Aristotle's Lantern.
13. Differentiate pareopods from pleopods.
14. Culture pearls
15. Regeneration.
16. Distinguish an *Ascaris* male from its female.
17. Living fossils
18. Shell structures of Dentalium and Chiton
19. Evisceration in sea cucumbers.
20. Ink gland in cuttle fish.
21. Polyembryony.
22. Sericulture.

(8 × 2 = 16 Marks)



### SECTION – C

Answer any **six** questions [not to exceed 120 words] Each question carries 4 marks.

23. Divisions of Eumetazoa.
24. Types of coral reefs.
25. Ecological importance of Earthworms.
26. Diagnostic features phylum Porifera.
27. Pathogenecity caused by *Taenia solium*
28. Evolutionary importance of *Peripatus*.
29. *Tornaria* larva.
30. Retrogressive metamorphosis.
31. Silkworms used in Sericulture.

(6 × 4 = 24 Marks)

### SECTION – D

Answer any **two** questions [as a short essay] Each question carries 15 marks.

32. Explain the morphological characters of *Penaeus*, with diagrams.
33. With suitable diagrams describe the life cycle of *Fasciola hepatica*.
34. Write an essay on insect pests in Kerala, with control measures to be taken.
35. Enumerate the characteristic features of phylum Coelenterata, with examples.

(2 × 15 = 30 Marks)