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RNLKWC/B.Sc.-CBCS/IS/ZOO/H/C1T/22

2022

Zoology

[HONOURS]

(CBCS)

(B.Sc. First Semester End Examination-2022)

PAPER-C1T

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

- 1. Answer any five questions of the following: 5x2=10**
- a) What do you mean by homonymy? Give example.
 - b) Write four important characteristic features of Ctenophore.
 - c) What is parasite? Give example.
 - d) What is amphid? State its function?
 - e) What is signet ring? Where it is found?
 - f) What is flame cell?
 - g) Write the components of obelia colony
 - h) What is madreporite? Where it is found?

(2)

2. Answer any four questions of the following: **4x5 = 20**

- a) Describe the aims and rules of International code of zoological Nomenclature.
- b) Mention the important theories regarding locomotion of Amoeba, with proper diagram.
- c) Write briefly the taxonomic types with their proper definition. What is taxonomic hierarchy?
- d) Mention the parasitic adaptations in helminthes. Write down the pathogenecity and control measures of Wuchereria bancrofti.
- e) Briefly discuss the life ctcle and pathogenecity of Fasciola hepatica with proper diagram.
- f) Write the differences between polyp and medusa in Obelia sp. Name the larvalstage of obelgia.
- g) Describe the spicules in sponges.
- h) State the Principle of Low of Priority in taxonomy

3. Answer any one question: **1x10 = 10**

- a) Write down the important features of metazoan. What are the merits and demerits of Hadzi's theory of metazoan origin.
 - b) Mention the salient features of the following with proper example calcarea, Hydrozoa, Monogenea, phasmida.
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