

2022

ZOOLOGY

[GENERIC]

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

PAPER-GE2T

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 from the following: 5x2= 10**
- What do you mean by Kelp?
 - Define aquatic biome. Give one example.
 - Distinguish between photic and aphotic zone
 - State the basic difference between BOD and COD.
 - What is 'nekton' and 'benthos' with an example?
 - Write down the difference between aquaculture and fishery.
 - State two importance of bioremediation with an example.
 - What are the difference between sewage and sludge?
- 2. Answer any four questions from the following: 4x5 = 20**
- Write note on Sea weeds.
 - What is coral reef? Write down the types of coral reefs with example. 1+4

(2)

- c. Write down the adaptive features of hill stream fishes 5
- d. Write down different zones of aquatic body depend on light penetration. 5
- e. Short note on –
- i) Eutrophication
 - ii) Biomagnification $2\frac{1}{2}+2\frac{1}{2}$
- f. Briefly describe the different stages of stream development. 5

3. Answer any one questions of the following: 1x10 = 10

- a. i) State the five important Adaptive features of deep sea organisms.
- ii) Write note on Turbidity of water. 5+5
- b. What is upwelling? Discuss about the sewage treatment procedure. 2+8
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