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RNLKWC/B.Sc./CBCS/IVS/GE4T/22

2022

ZOOLOGY

[Generic]

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

PAPER-GE4T

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*

Group-A

- 1) Answer any five questions from the following: 5x2= 10
- Write down the adverse effect of eutrophication on the aquatic ecosystem?
 - What is Montreal protocol? Write its significance?
 - Write down the impact of noise pollution on human being.
 - What do you mean by sewage and sludge?
 - What is secondary pollutant with an example?
 - Short note on Minamata disease.
 - Write the difference between LC₅₀ and LD₅₀.
 - What are the point and non-point Sources of pollution?

(2)

Group-B

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

- a. Briefly describe the cause and effect of nuclear waste. 5
- b. Describe the effects of global warming on plants and animals.

$$2\frac{1}{2} + 2\frac{1}{2}$$

- c. What do you mean by non-biodegradable substance?
Differentiate between bioaccumulation and biomagnifications
with suitable-example. 1+4

- d. Briefly describe the causes and effects of increased green house
gas emissions. $2\frac{1}{2} + 2\frac{1}{2}$

- e. Write down the Methods of Biomedical waste management. 5

- f. Write down the causative agents, symptoms and control of
typhoid disease. 1+2+2

Group -C

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

- a. Briefly describe the process of sewage treatment in respect of
primary and secondary. 5+5
- b. What is acid rain? How is it form?
Mention its type. Write a note on stone cancer. 2+2+2+4