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Total No. of Printed Pages: 1

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B.Sc. (Cardiac Care Technology) (Semester – 2nd)
ENVIRONMENTAL SCIENCE
Subject Code: BCCTS1210
Paper ID: 21132412

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) Lithosphere
- b) Water Pollution
- c) Ecological Pyramid
- d) Soil Erosion
- e) Water Logging
- f) Wastewater Treatment
- g) Food Chain
- h) Bioremediation
- i) Solid Waste Management
- j) Nutrient Pollution

Section – B

(5 marks each)

- Q2. Explain the reasons of Air Pollution? Also write the preventive measures to mitigate its impact
- Q3. What is eutrophication? What are main sources of nutrients pollution & how can we prevent it?
- Q4. Explain in detail regarding the effect oil spill & chemical degradation in our environment.
- Q5. What are Health hazards due to pesticides and metal pollution? How can we prevent them
- Q6. Explain the energy flow process in ecosystem & Ecological Pyramid

Section – C

(10 marks each)

- Q7. Difference between Food Chain & Food Web. Also write down about the structure of an Ecosystem.
- Q8. What is biodiversity, level and types of biodiversity? Discuss in detail
- Q9. What is environmental protection act? Write the various point covered in the act in detail.