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Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Tech. (CSE) (Semester – 6th)
ENVIRONMENTAL MANAGEMENT
Subject Code: BCIEO1002
Paper ID: [18OE111130]

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) What is acid rain? What are its causes?
- b) What are the main sources of oil pollution in the oceans?
- c) What is the role of carbon dioxide in climate change?
- d) What is zero-impact manufacturing and how can it be achieved?
- e) What is the concept of the Clean Development Mechanism (CDM)?
- f) What is environmental management? Give its importance.
- g) What are the limitations in the implementation of EIA?
- h) What are the causes and effects of deforestation?
- i) How does waterlogging affect soil quality?
- j) What do you understand by land use management & planning?

Section – B

(5 marks each)

- Q2. What are the causes and effects of ozone layer depletion? Suggest some methods to control it.
- Q3. Explain the concept of Cleaner Production (CP) technologies. Also give their advantages and limitations.
- Q4. What are the key stages of EIA of a project?
- Q5. Define wetlands? What is their importance? What are the causes of their degradation?
- Q6. What are the primary causes of soil erosion and how can it be prevented?

Section – C

(10 marks each)

- Q7. What is global warming? Which gases are responsible for it? What are its causes and effects? How it can be controlled?
- Q8. Give detailed EIA of any project which you have studies.
- Q9. What are wastelands? What are the causes of wasteland formation? How their formation can be controlled?
