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Total No. of Printed Pages: 1

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B. Tech Aeronautical Engg. (Semester – 7th)

ENVIRONMENT MANAGEMENT

Subject Code: BCIEO1002

Paper ID: [18OE110230]

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) Define the term green – house effect and give its causes.
- b) State any two environmental laws/acts.
- c) Write the benefits of cleaner production.
- d) Explain the term ‘Clean Development Mechanism’.
- e) Define the term EIA and give its objectives.
- f) List out the causes of environment pollution.
- g) Define the term salinization.
- h) List out the causes of deforestation and water logging.
- i) Explain the concept of carbon credits.
- j) Define the term wetland and give its importance

Section – B

(5 marks each)

- Q2. Describe the procedure step-by-step for environmental management system certification.
- Q3. Explain how CDM stimulates sustainable development and emission reduction?
- Q4. Discuss the challenges faced during the implementation of EIA in developing countries.
- Q5. Differentiate between wetland and wasteland. Discuss the activities leading to the conversion of wetlands into wastelands.
- Q6. Discuss the causes of acid rain, oil pollution and global warming in detail.

Section – C

(10 marks each)

- Q7. Discuss the EIA methodologies in detail.
- Q8. Explain different types of clean production techniques and their merits.
- Q9. Discuss radiation hazard and its causes. Explain how it can be controlled.