

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [11]

M. Sc. (Mathematics) (Semester – 3rd)
ENVIRONMENT MANAGEMENT
Subject Code: MCIE0F91
Paper ID: [OE1220518]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It carries 16 marks. It consists of 4 questions of 4 marks each.
2. Section B consist of 4 questions of 8 marks each. The student has to attempt any 3 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

(4 marks each)

- Q1. What is an environmental management system (EMS)? How is an EMS structured?
- Q2. What are the different cleaner production techniques? Why are these required? Explain its benefits also.
- Q3. Discuss different methodologies of EIA in detail.
- Q4. Differentiate between wetland and wasteland. What is the importance of wetland in environment?

Section – B

(8 marks each)

- Q5. What do you mean by ozone depletion? Explain its causes and remedies in details.
- Q6. What is the need for EIA in India? Discuss about the different constraints in implementation of EIA.
- Q7. What are the standard practices followed for EIA studies?
- Q8. (a) Explain the term Soil degradation and its effect.
(b) What do you mean by erosion and salinization? Discuss in detail along with their effects on the environment.

Section – C

(10 marks each)

- Q9. How EIA studies are the basis for sustainability? What are the important components of EIA?
- Q10. What do you mean by deforestation? Discuss its effects on land use and Environmental quality.
- Q11. Discuss in detail about the different types Environment pollutions, their causes measures.