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 acid rain? What are its causes? Suggest some methods to control it.

Q2. What do you understand by Clean Development mechanism (CDM).

Q3. How impacts are predicted in a EIA study?

Q4. Define wetlands. What is their importance?

Section – B **(8 marks each)**

Q5. What are the causes and effects of global warming? How it can be controlled?

Q6. Explain different cleaner production techniques used in industries.

Q7. What are the causes and effects of environmental pollution? How to manage environmental pollution?

Q8. What are the causes of deforestation? How does it affect land use and environment quality?

Section – C **(10 marks each)**

Q9. What are the main clause and basic steps of Environmental management System certification?

Q10. Give a case study of EIA of any industry.

Q11. What are causes and effects of soil erosion and water logging? How these can be controlled?