

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [11]

**M.Sc. (Mathematics) (Semester – 3<sup>rd</sup>)**  
**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?