

Time: (3 Hours)

Total Marks: 80

**Note:**

1. **Question No. 1 is compulsory.**
2. Attempt any **THREE** out of the remaining **FIVE** questions.
3. Assume suitable data if necessary.

- Q. 1.** Answer **any FOUR** of the following: **(20)**
- (a) Discuss on : pillars of Environmental Management.
  - (b) Elaborate the ISO 14001 EMS Model for Municipalities.
  - (c) Unawareness or ignorance of environmental protection will lead to detrimental consequence comment. Justify the statement.
  - (d) Define Environmental Objective as per ISO 14001
  - (e) Explain the various keys components of EMS.
- Q. 2.** (a) Write notes on the following : **(10)**
- a) Applications of Environmental Management System.
  - b) ISO 14001& ISO 14010
- (b) What are the challenges of Environmental Management? **(10)**
- Q. 3.** (a) How is CSR related to Environmental Management? Explain with an example. **(10)**
- (b) What are the guidelines to conduct and Environmental audit? **(10)**
- Q. 4.** (a) What is Total Quality Environment Management Concept? **(10)**
- (b) Discuss on factors destroying the Environment with example. **(10)**
- Q. 5.** (a) Write short note on Loss of Biodiversity as related to global environmental concerns. **(10)**
- (b) Discuss the key success factors for applied to almost all the operation for EMS **(10)**
- Q. 6.** **Answer the following:-** **(20)**
- (a) Discuss on 5 biggest environmental problems of year 2023.
  - (b) Explain limiting factors and carrying capacity as related to Ecosystems.
  - (c) How does EMS help in improving environment quality?
  - (d) Discuss on Environmental Issues related to Indian Context.