

**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 implementation. **(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.