

BE (AUTO) / sem VIII / R-19 / SH 2023 / 16/12/2023

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.

QP code: 43299

- 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.