

CBCS Scheme

USN

--	--	--	--	--	--	--	--	--	--

15CV662

Sixth Semester B.E. Degree Examinations, _____

Environmental Protection and Management

Time: 3hrs.

Max. Marks: 80

Note: Answer any five full questions, choosing one full question from each module.

Module-1

1. a. List the different principles of environmental management and explain the Principle of participation & Polluter pays principle (PPP). (08 Marks)
- b. Write in brief about the organizational drivers to the implementation of environmental management systems. (08 Marks)

OR

2. a. What do you understand by abatement of pollution? What are the ways in which this practice is carried out? (08 Marks)
- b. Write a short note on Charter on corporate responsibility for environmental protection. (08 Marks)

Module-2

3. a. Distinguish between (i) Pollution control and Pollution prevention. (08 Marks)
(ii) Concentration and Mass standards.
- b. What is ISO 14000? Give the benefits of implementing ISO 14000. (08 Marks)

OR

4. a. Write in brief about use of clean technologies as part of EMS in an organization. (08 Marks)
- b. State the objectives and benefits of an environmental performance evaluation program. (08 Marks)

Module-3

5. a. State the benefits of implementing ISO 14001 in an organization. (08 Marks)
- b. What is continual improvement in environmental performance? How can it be planned in an organization? (08 Marks)

OR

6. a. State the requirements and recommended approach to implementing clause 4.2 of ISO 14001 (environmental policy) within an organization. (08 Marks)

CBCS Scheme

- b. Write a note on identifying environmental aspects and impacts within an organizational set up. (08 Marks)

Module-4

7. a. Give the process flow diagram for management of an environmental audit programme. (08 Marks)
- b. Give the contents of Environmental statement Form V. (08 Marks)

OR

8. a. Write a short note on waste minimization planning in an industry. (08 Marks)
- b. Explain in brief about major and minor nonconformities that affect the efficiency of environmental management standards in an industry (08Marks)

Module -5

9. a. What is a waste audit? How do you plan a waste audit in an organization. (08 Marks)
- b. Write in brief about the procedure of conducting a waste audit in an electroplating industry. (08 Marks)

OR

10. a. Write in brief about air and water pollution prevention opportunities in textile industries. (08 Marks)
- b. Write in brief about disposal of hazardous wastes in a landfill. (08 Marks)
