## CBCS SCHEME

USN

18CV7

## Seventh Semester B.E. Degree Examination, June/July 2023 **Environmental Protection and Management**

Max. Marks: 100 Time: 3 hrs

Note: Answer any FIVE full questions, choosing ONE full question from each module.

## Module-1

- a. Which are the different types of unique characteristics of environmental problems?
  - Describe the principles of environmental management.

(10 Marks) (10 Marks)

(10 Marks)

OR

- a. Explain the Corporate Responsibilities for Environmental Protection (CREP). (10 Marks)
  - b. Describe the National Policies on Environment and abatement of pollution.

Module-2

- a. Explain the environmental quality objectives. (10 Marks)
  - b. Differentiate between pollution concrete verses pollution prevention. (10 Marks)

OR

- a. Explain the development of minimum National standards form industries. (10 Marks)
  - b. Critically examine the economic barriers and educational barriers to presentation of (10 Marks) pollution.

Module-3

- Explain the environment management policies. (10 Marks)
  - b. Describe the objectives and Targets of environmental management. (10 Marks)

- competence and communication with respect to Describe the training awareness, (10 Marks) environmental management.
  - b. Explain the operational control monitoring and management of environment. (10 Marks)

Module-4

- a. Explain the environmental management system audits as per ISO 19011. (10 Marks)
  - b. Explain the environmental performance indicators and their evaluation. (10 Marks)

OR

- Describe the corrective and preventive actions compliance audits. (10 Marks)
  - Describe the waste audits and waste minimization planning. (10 Marks)

Module-5

- (10 Marks) Explain the applications of EMS. (10 Marks)
  - Explain the pollution controls of textile, sugar, pulp and paper.

OR

- Briefly describe classification, characteristics of hazardous waste, treatment and disposal
  - Describe the Transboudnary movement of environmental pollutants and disposal methods. (10 Marks)

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42-8 = 50, will be treated as malpractice compulsorily draw diagonal cross lines on the remaining blank pages