

# CBGS SCHEME

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18CV753

Seventh Semester B.E. Degree Examination, June/July 2023

## Environmental Protection and Management

Time: 3 hrs.

Max. Marks: 100

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

### Module-1

- 1 a. Which are the different types of unique characteristics of environmental problems? (10 Marks)  
b. Describe the principles of environmental management. (10 Marks)

OR

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

### Module-2

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

OR

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

### Module-3

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

OR

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

### Module-4

- 7 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

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

### Module-5

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

OR

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

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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.