

CBCS SCHEME



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15CV662

Sixth Semester B.E. Degree Examination, June/July 2018 Environmental Protection and Management

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. Define Environmental Management. Discuss different system approach to corporate Environment Management. (08 Marks)
b. Explain Business strategy drivers and barriers. (08 Marks)

OR

- 2 a. Discuss the significance of Environmental stewardship in detail. (08 Marks)
b. Explain different types of Environment management principles. (08 Marks)

Module-2

- 3 a. Discuss the Environmental quality objectives. (08 Marks)
b. Explain the rationale of Environmental standards. (08 Marks)

OR

- 4 a. Define Concentration and Mass standards, Effluent standards and Stream standards. (06 Marks)
b. Distinguish between Pollution, Prevention and Pollution control. (06 Marks)
c. Define Benchmarking. Explain the three distinctive types of benchmarking. (04 Marks)

Module-3

- 5 a. Explain the Core element of EMS, with a schematic diagram. (10 Marks)
b. List any six benefits of EMS. (06 Marks)

OR

- 6 a. Discuss the benefits and barriers of EMS as per ISO 14001. (05 Marks)
b. Write any four principles and structure of ISO 14000 series. (05 Marks)
c. Write a short note on Documentation and Operational control. (06 Marks)

Module-4

- 7 a. Explain types of Environmental audits. (10 Marks)
b. What are the roles and responsibilities of the auditors? (06 Marks)

OR

- 8 a. Explain in detail the Waste audits. (08 Marks)
b. Discuss how pollution prevention is integrated into compliance audits. (08 Marks)

Module-5

- 9 a. Explain application of EMS and pollution prevention in sugar and textile industry. (08 Marks)
b. Explain application of EMS and pollution prevention in paper and pulp and tanning industry. (08 Marks)

OR

- 10 a. Explain disposal procedures of hazardous wastes. (10 Marks)
b. Write a note on application of EMS in dairy Industry. (06 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.