

CBCS SCHEME



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15CV662

Sixth Semester B.E. Degree Examination, Dec.2019/Jan.2020 Environmental Protection and Management

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. What is environmental stewardship? What steps could EPA take to promote environmental stewardship? (08 Marks)
b. Write the principles set out in the Business charter for sustainable production. (08 Marks)

OR

- 2 a. Explain business charter on corporate responsibility for environmental protection. (08 Marks)
b. Explain National policies for the abatement of pollution. (08 Marks)

Module-2

- 3 a. Explain environmental quality objectives. (08 Marks)
b. Give stream classifications. Explain how stream standards influence stream classification. (08 Marks)

OR

- 4 a. Write an explanatory note on minimum national standard for industrial wastewater. (08 Marks)
b. Explain the purpose and objective of environmental performance indicators. (08 Marks)

Module-3

- 5 a. With a neat sketch, explain the components of EMS. (08 Marks)
b. Define environmental policy, write the benefits of developing environmental policy. (08 Marks)

OR

- 6 a. With a neat sketch of pollution prevention hierarchy, explain pollution prevention techniques. (08 Marks)
b. What is initial environmental review? Give its benefits. (08 Marks)

Module-4

- 7 a. Explain phases of environmental audit in industries. (08 Marks)
b. What are the steps preferred to identify and correct non-conformance in environmental Management Systems. (08 Marks)

OR

- 8 a. Explain the three main phases of waste minimization in an industry. (08 Marks)
b. With an example, explain environmental due Diligence audit. (08 Marks)

Module-5

- 9 a. Explain pollution prevention methods adopted in an electroplating industry. (08 Marks)
b. Explain pollution prevention options in tunney industry. (08 Marks)

OR

- 10 a. Explain how cleaner production is achieved in cement industry. (08 Marks)
b. Explain minimization techniques of air and noise pollution in dairy. (08 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 e.g. 42+8 = 50, will be treated as malpractice.