

# CBCS SCHEME



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15CV662

## Sixth Semester B.E. Degree Examination, Dec.2018/Jan.2019 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. Highlight the salient features of "Business charter for sustainable development". (10 Marks)  
b. List the various "Environmental Management Principles". (06 Marks)

OR

- 2 a. Discuss the salient features of "Charter on corporate responsibility for environmental protection". (08 Marks)  
b. Explain the evolution of INDIA's "National policy on pollution prevention, environment, resource conservation". (08 Marks)

### Module-2

- 3 a. List the steps in Cleaner Production Process. (06 Marks)  
b. Explain Rationale of environmental standards. (06 Marks)  
c. Distinguish between effluent and stream standards. (04 Marks)

- 4 a. List the objectives of an environmental performance evaluation program. (08 Marks)  
b. What is the primary function of an environmental performance evaluation indicator? Briefly discuss its 3 types. (08 Marks)

### Module-3

- 5 a. Draw neatly the ISO14001 EMS model in the form of a flowchart, depicting each attribute. (10 Marks)  
b. List any 6 benefits of implementation of EMS. (06 Marks)

OR

- 6 a. List the major requisites of "Document Control". (08 Marks)  
b. Draw a typical format of "Environmental Aspect and Impact Analysis" sheet. Explain briefly its components. (08 Marks)

### Module-4

- 7 a. Discuss salient aspects of "INTERNAL AUDIT". (06 Marks)  
b. Explain the procedural protocols to be followed in case of non-conformity; in the context of corrective and preventive action. (10 Marks)

OR

- 8 a. Elucidate the basic fulfillments that ought to be submitted in "Environmental statement - FORM (V)". (10 Marks)  
b. What are the advantages of "Waste minimization planning"? (06 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.



15CV662

**Module-5**

- 9 a. What is the Basel convention? List distinctly its requirements and restrictions. (10 Marks)  
b. Discuss briefly "Procedures for Transboundary movements". (06 Marks)

OR

- 10 Write short notes on all the following :  
a. Environmental stewardship (06 Marks)  
b. Zero Discharge Technologies (06 Marks)  
c. EMAS (04 Marks)

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