

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 100653

Roll No.

B.TECH.

Theory Examination (Semester-VI) 2015-16

ENVIRONMENTAL MANAGEMENT FOR INDUSTRIES

Time : 3 Hours

Max. Marks : 100

Section-A

Q1. Attempt all parts. All parts carry equal marks. Write answer of each part in short. (2×10=20)


- (a) What are the effects of radiation emission on human being?
- (b) What is Resin adsorption and flocculation?
- (c) Explain ISO and ISO 14000.
- (d) Write short note on Forest Conservation Act.
- (e) Explain Activity of the Dock Labour Board.

- (f) Define Weber's Theory of Industrial settlement.
- (g) Explain National Environment Tribunal Act 1995.
- (h) Define:
 - (i) Deforestation
 - (ii) Soil Erosion
- (i) Explain Sources of Air Pollution.
- (j) Define Environmental Management Cell.

Q2. Attempt any five questions.

(10×5=50)

- (a) Discuss the components of Sugar industry with the Flow chart.
- (b) Give brief note on Socio-economic environment. What are various elements of economic environment.
- (c) What is Waste? Discuss different types of solid waste. Discuss Criterion for selecting an environmentally safe site for waste disposal.

- (d) What is the procedure for Public Hearing Schedule. Explain Briefly.
- (e) Define Industrial Activity according to 'Income Tax Assessment Act 1997'.
- (f) Write short note on:
- (i) Land Resources
 - (ii) Biological Resources
- (g) Define Water Pollution with their sources and control.
- (h) Discuss the following:
- (i) Economic Environment
 - (ii) Extrinsic Resources
 - (iii) Distillery Industry
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Section-C

Attempt any two questions.

(15×2=30)

Q3. Let us suppose you are going to establish an industry, then which rules and regulations related to the environment, will you follow? Discuss these rules and regulations with the help of one case study related to any industry.

Q4. Write short note on:

- (i) Waste Water Treatment
- (ii) Soil Pollution
- (iii) Phosphate Fertilizer Plants

Q5. What are the various Municipal Solid Waste Rules? How are these rules useful for the Environmental Protection?

