

Printed Pages : 3



CE201

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

PAPER ID : 199205

Roll No.

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B. Tech.

(SEM. II) THEORY EXAMINATION, 2014-15
ENERGY, ENVIRONMENT & ECOLOGY

Time : 2 Hours]

[Total Marks : 50

Note: Attempt all questions. Marks and number of parts to be attempted from each question are mentioned in each question.

SECTION-A

- 1 Attempt all five parts of the following: (2×5=10)
- (a) Name the air pollutants emanating from Automobiles.
 - (b) Giving reactions, Show Formation and depletion of Ozone layer.
 - (c) What is Blue Baby Syndrome?
 - (d) What are food chain and food web?
 - (e) What is meant by Eutrophication?

SECTION-B

- 2 Attempt any two parts of the following: (5×2=10)
- (a) What is solid waste? Discuss in brief various methods of solid waste disposal.
 - (b) Explain the impact of Mining and Agriculture on the environment.
 - (c) Write a note on renewable and non renewable energy resources. Comment on use of biodiesel as an alternative fuel,

SECTION-C

- 3 Attempt any one part of the following: (10×1=10)
- (a) (i) What are biogeochemical cycles? Discuss the Nitrogen cycle.
 - (ii) Discuss the structure and function of Lentic ecosystem. Explain the algal - bacterial symbiosis in such a system.
 - (b) (i) Write a note on rehabilitation and resettlement.
 - (ii) Write a note on water crisis and conservation of water with special reference to rain water harvesting.

- 4 Attempt any one part of the following: (10×1=10)
- (a) (i) Discuss the stages of Environmental Impact Assessment.
 - (ii) What is meant by deforestation? Explain its causes and effects. Suggest measures to check deforestation.
 - (b) Write brief notes on any two of the following:
 - (i) Nuclear hazards
 - (ii) Water borne diseases
 - (iii) Acid rain.
- 5 Attempt any one part of the following: (10×1=10)
- (a) Write a note on acts related to environment. Discuss briefly the salient features of Environment (Protection) Act, 1986.
 - (b) Write short notes on any two of the following:
 - (i) Initiatives of NGOs in environmental protection.
 - (ii) Biodiversity
 - (iii) Sustainable development.
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