

C 58171

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Name.....

Reg. No.....



**FOURTH SEMESTER B.TECH. (ENGINEERING) DEGREE  
EXAMINATION, JUNE 2009**

EN 04 402—ENVIRONMENTAL STUDIES  
(Common for all Branches) 17

Time : Three Hours

Maximum : 100 Marks

*Answer any twelve questions.*

- I. 1 What is meant by sustainable development ?
- 2 What is meant by Public Awareness ? Explain its significance.
- 3 What are the ill effects of deforestation ?
- 4 What are the drawbacks of over exploitation of forest resources ?
- 5 What is meant by biodiversing ?
- 6 Differentiate between biome and ecosystem.
- 7 What is meant by biomagnification ?
- 8 What is meant by Biopiracy ?
- 9 What is meant by BOD ?
- 10 Differentiate between sewage and sewerage.
- 11 Why carbo monoxide is considered as a deadly poisonous gas ?
- 12 What is meant by bioremediation ?
- 13 What is meant by watershed management ?
- 14 What are the causes for ozone layer depletion ?
- 15 Outline the provisions of Kyoto protocol.
- 16 What is the major objective of family welfare programmes in India ?

(12 × 5 = 60 marks)

- II. (a) What are the strategies for sustainable mineral resource management ? Also discuss the basic objectives of national mineral policy.

Or

- (b) What are the ecological impacts of modern agriculture ?

Turn over

III. (a) Distinguish among producers, consumers and decomposers.

Or

(b) Describe the structural and functional aspects of an ecosystem.

IV. (a) What are the causes of air pollution? What are the effects of air pollution?

Or

(b) How do you mean by pollution prevention? Explain the benefits of pollution prevention.

V. (a) What are the environmental issues relating to interlinking rivers in India? Explain.

Or

(b) What is meant by anthropocentrism? Explain.

(4 × 10 = 40 marks)