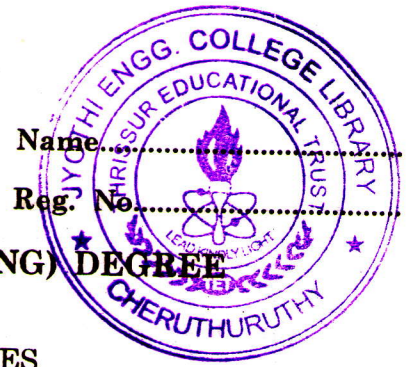


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Name.....

Reg. No.....

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

EN 04 402—ENVIRONMENTAL STUDIES

(Common for all Branches)

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)