

[05 - 2205]

II/IV B.E. DEGREE EXAMINATION.

Second Semester

Electronics and Communication Engineering

ENVIRONMENTAL STUDIES

(Common for all branches)

(Effective from the admitted batch of 2004-2005)

Time : Three hours

Maximum : 70 marks

Questions 1 is compulsory.

Answer any other FOUR questions.

All questions carry equal marks.

1. (a) What is meant by Environment? State its components.
- (b) List the causes for water logging.
- (c) What are the biotic and abiotic components of an Ecosystem?
- (d) What is difference In-Situ and Ex-Situ conservation of biodiversity?
- (e) What is meant by Global warming?

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- (f) What do you understand by term water shed management?
 - (g) What is Chipko movement?
2. (a) Differentiate between following ecosystem with reference to features and functions
- (i) Grassland
 - (ii) Desert.
- (b) What do you understand by "Rainwater Harvesting"? Explain in detail.
3. (a) What are the major causes and consequence of deforestation?
- (b) What do you mean by consumptive use value, productive use value, social value, ethical value and option value of biodiversity?
4. (a) What are the major sources of soil pollution? Mention measures can be taken to prevent soil pollution.
- (b) What is meant by acid rain? How does it form?
5. (a) What are the major issues and problems related to rehabilitation of the displaced tribals?
- (b) Briefly discuss HIV, modes of its spread and effects on environment.

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6. (a) How can you, as an individual prevent environmental pollution?
(b) Discuss the impact of population growth on environment.
 7. Based on your field visits, summarize your observations and findings of your college environment and its components.
 8. Write short notes on :
 - (a) Desertification
 - (b) Marine pollution
 - (c) Green revolution.
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