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**B. TECH.**

**SECOND SEMESTER EXAMINATION, 2016-17**  
**ENVIRONMENTAL STUDIES**

Time : **3 Hours**Max. Marks : **60**Note : (i) Attempt **ALL** questions.

(ii) Choices are given in each question set.

3. Attempt any **Two** of the following questions: **6 x 2 = 12**
- (a) Describe the environment in detail with its components and segments.
- (b) Explain fossil fuel in detail and its impact on environment.
- (c) What are various threats to biodiversity and how the biodiversity can be conserved?
4. Attempt any **Two** of the following questions: **6 x 2 = 12**
- (a) What do you mean by Pollution? Explain water pollution and its effects on environment.
- (b) Recycling is one of the best remedy to check the pollution for a poor or developing country, explain how?
- (c) Explain the issue of resettlement and rehabilitation of project affected persons.
5. Attempt any **Two** of the following questions: **6 x 2 = 12**
- (a) Explain the importance of biodiversity services on environment.
- (b) What is ecological pyramid, explain with suitable examples?
- (c) Explain environmental ethics in detail and their role in developing a sustainable society.



1. Attempt any **Four** of the following questions: **3 x 4 = 12**
- (a) Chipko movement and its relevance to the environment.
- (b) Define deforestation and its effect on environment.
- (c) What are various renewable and non-renewable sources of energy?
- (d) Explain endangered and endemic species of India.
- (e) What are the causes and impact of ozone layer depletion?
- (f) Write about the concept of sustainability and its impact on environment.
2. Attempt any **Four** of the following questions: **3 x 4 = 12**
- (a) What was the necessity of various "Environment Acts" and their impact on environment and life?
- (b) Write a note on construction of dams, and their merits and demerits with any case study.
- (c) Write about the impact of increased population on environment.
- (d) Explain the impact of climate change on environment.
- (e) Write a note on ecosystem structure and function.
- (f) Name various hotspots of biodiversity in India.