

Subject Code: R10106/R10

Set No - 1

I B.Tech I Semester Supplementary Examinations December - 2016

ENVIRONMENTAL STUDIES

(Com. to ECE, IT, ME, CHEM, BME, E.Com.E. , PCE MM)

Time: 3 hours

Max. Marks: 75

**Answer any FIVE Questions
All Questions carry equal marks**

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1. a) Explain the need for students from all courses to be aware of environmental issues.
b) Write briefly about the scope of environmental studies. (7+8)
2. Describe food chain, food web and ecological pyramids with suitable examples and Diagrams. (15)
3. a) Define ecosystem and list components of an ecosystem.
b) Briefly explain the manner in which ecosystems are destroyed by human activity (7+8)
4. Define biodiversity. Explain the threats and causes of loss of biodiversity (15)
5. Explain about a) floods, b) earthquake c) cyclone d) landslides (15)
6. What is the importance of ozone layer in the atmosphere? How do greenhouse gases affect atmosphere? What are the measures needed to protect the ozone layer? (15)
7. Explain about Women and Child Welfare programme (15)
8. Based on your field visits, summarize your observations and findings of the water resource ecosystem in your region. (15)

