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**Question Paper Code: E3111**

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2010

Third Semester

Electrical and Electronics Engineering

GE2211 — ENVIRONMENTAL SCIENCE AND ENGINEERING

(Common to Chemical Engineering, Textile Technology, Instrumentation and Control Engineering, Biotechnology, Plastics Technology Electronics and Instrumentation Engineering, Polymer Technology, Textile Technology (Fashion Technology))

(Regulation 2008)

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A — (10 × 2 = 20 Marks)

1. What is overgrazing?
2. What do we mean by “green revolution”?
3. What is meant by food webs?
4. Define ecological pyramids.
5. What is green house effect?
6. Why are radioactive wastes disposed off in Salt Water?
7. What is acid rain?
8. Define holocaust.
9. What is meant by human demography?
10. Write a note on value education.

PART B — (5 × 16 = 80 Marks)

11. (a) Discuss the effect of modern agriculture.

Or

- (b) Write in detail on the role of an individual in conservation of natural resources.

12. (a) Discuss the aquatic ecosystem and forest ecosystem.

Or

- (b) Give an account of conservation of biodiversity.

13. (a) Discuss soil waste management in detail.

Or

- (b) Write about effect and control measures of air pollution in detail.

14. (a) Explain the environmental protection act in detail.

Or

- (b) Write about resettlement and rehabilitation of people.

15. (a) Describe the major choices in modern birth control.

Or

- (b) Discuss about role of information technology in environment and human health.
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