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Question Paper Code : P 1226

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2009.

Second Semester

Information Technology

CY 1201 — ENVIRONMENTAL SCIENCE AND ENGINEERING

(Common to Fifth Semester Automobile/Production/Aeronautical/Metallurgical/
Biomedical/Mechatronics/Mechanical/Information Technology)

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the over utilization of ground water resources?
2. What is water logging? What is its adverse effect?
3. What is ecological pyramid? Why is pyramid of energy always take up-right?
4. Define 'Hot spots of Biodiversity'.
5. What do you understand by ozone depletion in the atmosphere? What are the reasons for the formation of ozone hole in the atmosphere?
6. List out the adverse effect of marine pollution on the environment.
7. Distinguish between COD and BOD. Why COD value is always higher than BOD value?
8. Define Decibel. Why is each tenfold increase represented by 10 dB?
9. What are the environmental factors that affect human health?
10. What are the effects of population explosion?