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Question Paper Code: 42004

B.E. / B.Tech. DEGREE EXAMINATION, AUGUST 2021

Second Semester

Civil Engineering

14UCY204 – ENVIRONMENTAL SCIENCE AND ENGINEERING

(Common to ALL branches)

(Regulation 2014)

Duration: 1:45 hour

Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

(Answer any ten of the following questions)

1. What are the different types of eco-systems?
2. Define the terms of habitat loss.
3. Define photochemical smog.
4. What is disaster management?
5. What is genetic and species biodiversity?
6. Define overgrazing.
7. What is meant by sustainable development?
8. Mention the objectives of public awareness.
9. What is meant by Value Education?
10. Mention the goals and functions of value education center.

11. What is Red Data Book? Name some endangered species of plants of our country.
12. What are the structural components of an ecosystem?
13. Define photochemical smog.
14. Write briefly how human activities can introduce thermal pollution into stream.
15. Should we build big dams? Give arguments in favour of your answer.

PART – B (3 x 10= 30 Marks)

(Answer any three of the following questions)

16. Explain the structural component of forest ecosystem. (10)
17. Discuss the effects of noise pollution. Explain various measures to control noise pollution. (10)
18. Discuss the role of an individual in the conservation of natural resources. (10)
19. Write short notes on Forest Conservation Act. (10)
20. Explain the family welfare and family planning programme in India. (10)