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Question Paper Code: 31024

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

Second Semester

Civil Engineering

01UCY204- ENVIRONMENTAL SCIENCE

(Common to ALL branches)

(Regulation 2013)

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. What do you mean by Ecological Pyramid? Explain in detail. (10)
17. What do you mean by air pollution? Enumerate the sources and effects of Air pollution. (10)
18. What is deforestation? Explain its causes. (10)
19. Explain in detail about
(i) Wild life protection. (10)
20. What is population explosion? Explain the causes and effects of pollution. (10)