

Dr Rishi Rana

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT  
TEST -3 EXAMINATION- 2021

B.Tech Semester

COURSE CODE: 10B11GE411

MAX. MARKS: 35

COURSE NAME: Environmental Science

COURSE CREDITS: 3

MAX. TIME: 2 Hours

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

1. What do understand by Deforestation? What are the problems caused by deforestation and how to control it? [CO-4] [4]
2. Answer the Following? [6 × 1]
  - (a) Name components of Eco-system
  - (b) Define Food Chain
  - (c) Name two major air pollutants
  - (d) Define Ecological Succession
  - (e) Population Explosion
  - (f) Chipko Movement [CO-1&3]
3. Write in detail about Multi-disciplinary nature of environmental science? [CO-1] [2]
4. What is Water Pollution? What steps are essentially required to control Water Pollution? [CO-5] [2]
5. What is Biodiversity? Explain various steps to conserve the Biodiversity? [CO-6] [2+2]
6. Answer the Following? [CO-2&6] [6 × 1]
  - (a) Distinguish between "Ambient air quality standards" and "Emission standards"
  - (b) List out three endemic and three endangered species in India
  - (c) Name two major air pollutants
  - (d) Define uses of Biodiversity
  - (e) Difference between national park and reserve forest
  - (f) Which type of project usually requires EIA
7. Explain various steps in preparing EIA report? [CO-4] [2]
8. (a) Write about ozone depletion? [CO-1&5]  
(b) Explain the complete process of e-waste management? [4+4]
9. Explain various principles of Green Chemistry with example? [CO-4] [1]