

Roll No.....

**B. Tech 3rd Semester
Examination – December, 2019**

ENVIRONMENTAL SCIENCE

Paper: MC-106-G

Time: Three Hours]

[Maximum Marks: 75

Before answering the questions, candidate should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note: Attempt *five* questions in all, selecting at least *one* question from each unit. Question No. 1 is *compulsory*. All question carry equal marks.

1. Discuss the following:

2.5X6=15

- a. Impact of floods on flora and fauna
- b. Global Warming
- c. Resettlement issues
- d. Tsunami
- e. Role of individual in prevention of pollution
- f. Waste land reclamation

UNIT-I

2. What do you understand by the multidisciplinary nature of environmental studies? Why public awareness towards environment has become need of an hour? 15
3. What do you mean by natural resources? Explain in detail land resources, land degradation, man induced landslides, soil erosion and desertification. 15

UNIT-II

10. What do you mean by pollution? How human activities are contributing to pollution? Explain. 15
11. Discuss disaster management. Why is development proving as a cause of disaster? Explain giving suitable examples. 15

UNIT-III

12. What do you mean by sustainable development? Discuss the concept and important pillars of sustainable development? 15
13. a) Elaborate the causes and effects of acid rain on environment. 7.5
- b) Explain the strategies and objectives of water shed management. 7.5

UNIT-IV

14. What is the basis for environmental legislations in India? What are the important provisions of Water pollution act? 15
15. Discuss the role of Information Technology in Environment and human health. 15