

**I B. Tech I Semester Supplementary Examinations, November - 2020****ENVIRONMENTAL STUDIES**

(Com. to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E, Textile Engg)

Time: 3 hours

Max. Marks: 70

Note: 1. Question paper consists of two parts (**Part-A** and **Part-B**)2. Answering the question in **Part-A** is Compulsory3. Answer any **THREE** Questions from **Part-B****PART -A**

1. a) Write about population explosion and J curve. (5M)
- b) Mention the dates of the following events in environmental calendar World forest day, Earth day, Anti tobacco day and Ozone day. (4M)
- c) What is wasteland reclamation? (3M)
- d) Explain the effects of use of pesticides. (4M)
- e) Give examples of endangered and endemic species of India. (4M)
- f) What is environmental audit? (2M)

**PART -B**

2. a) Explain about Stockholm and Rio summit. When they were held and discuss their outcomes. (8M)
- b) Discuss the concept of ecosystems with examples. (8M)
3. a) Write explanatory notes on environmental victims of rehabilitation and resettlement. (8M)
- b) Explain the services and products produced by forests. (8M)
4. a) What is ecological succession? Discuss about ecological pyramids. (8M)
- b) How outdoor air pollution can be reduced or controlled. (8M)
5. Write about causes, effects and control measures of soil pollution. (16M)
6. Write explanatory note on (16M)
  - (i) Environmental protection act.
  - (ii) Wild life protection act.
  - (iii) Forest conservation act.
7. a) What is EIA? Explain various stages of EIA and EMP. (6M)
- b) Write a report on polluted river you have visited (10M)