

Subject Code: R13106/R13**Set No - 1****I B. Tech I Semester Supplementary Examinations May - 2017****ENVIRONMENTAL STUDIES**

(Com. to CE, ME, CSE, PCE, IT, CHEM, AE, AME, MM, PE, MTE, TE)

Time: 3 hours**Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**
Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART -A

1. a) What are pioneer species? [3M]
- b) What is desertification? [3M]
- c) What is Cryopreservation? [4M]
- d) How are wastes hazardous to human health? [4M]
- e) What are greenhouse gases? [4M]
- f) Write about EMP. [4M]

PART -B

2. a) What roles do autotrophs and heterotrophs play in the ecosystem? [8M]
- b) Give an account of formal and non-formal environmental education being imparted in our country. [8M]
3. a) Write about conflicts over River water with case studies. [8M]
- b) What is the role of an individual in the conservation of natural resources? [8M]
4. a) Write an explanatory note on the efforts for conservation of biodiversity in India. [8M]
- b) Describe the ecological significance of biodiversity. [8M]
5. Write the causes; effect and control measures of Water Pollution. [16M]
6. a) Discuss various measures of wasteland reclamation. [8M]
- b) Discuss the salient features of The Environment (Protection) Act, 1986. [8M]
7. Write a report on field visit to a polluted Metropolitan city. [16M]