

**DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY**  
**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI**  
(End Semester Examination)

CLASS: BPHARMACY  
BRANCH: PHARM SCI TECH

SEMESTER:II  
SESSION: 2021-2022

SUBJECT:BP206T ENVIRONMENTAL SCIENCES

TIME: 2.00 Hour

FULL MARK: 50

A. Short Answers

(Answer six out of eight)

(06 x 05 = 30 marks)

1. Discuss the Multidisciplinary nature of environmental Studies?	(5 marks)
2. Describe Grassland ecosystem with appropriate examples?	(5 marks)
3. Define soil pollution, its sources and effects on environment?	(5 marks)
4. Define ecosystem? Discuss structure and function of an ecosystem?	(5 marks)
5. Discuss renewable and non-renewable resources? Give examples?	(5 marks)
6. Describe Tropical rainforest with examples?	(5 marks)
7. Discuss land resources and its conservation measures?	(5 marks)
8. What do you mean by water borne diseases? Enlist some diseases with the name of micro-organisms?	(5 marks)

B. Long Answers

(Answer two out of three)

(02 x 10 = 20 marks)

1. Discuss water resources and associated environmental problems. Describe the role an individual can play in conservation of water resources?	(10 marks)
2. With a neat sketch describe different types of aquatic ecosystem with appropriate examples?	(10 marks)
3. Define air pollution and pollutants. Discuss types of pollutants, their effects on the environment and control?	(10 marks)

:25/07/2022: