

# School of Medical and Allied Sciences

Pharmacy  
ETE - Jun 2023

Time : 3 Hours

Marks : 75

## Sem II - BP206T/ BPHT2006 Environmental Sciences Theory

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Recall the types of toxicity. K1 CO5 (2)
2. Illustrate the structure and functions of desert ecosystem. K2 CO2 (2)
3. What is the full form of ESPs? K1 CO4 (2)
4. Demonstrate the incineration with their types. K2 CO4 (2)
5. Define fresh water. K1 CO3 (2)
6. List the types of grassland in India. K1 CO2 (2)
7. Explain the list of chemicals causing soil pollution. K2 CO3 (2)
8. Explain the factors on which heavy metal toxicity depends. K2 CO5 (2)
9. Demonstrate the objectives of environmental studies. K2 CO1 (2)
10. List the classification of minerals on the basis of their properties. K1 CO1 (2)
- 11) Choose water cycle with flow diagram. K3 CO1 (5)

**OR**

- Identify the major reasons for the over-exploitation and over-utilization of surface water resources. K3 CO1 (5)
12. Simplify the difference between temperate and tropical grassland. K4 CO2 (5)
  13. Utilize the classification of an ecosystem. K3 CO2 (5)
  14. Choose the soil horizon. K3 CO3 (5)
  15. Analyze solar cell with labeled diagrams. K4 CO1 (5)
  - 16) Examine the effects of soil pollution on photosynthesis, bio-accumulation and economic loss. K4 CO3 (5)

**OR**

- Categorize the major soil pollutants and their effects on human health. K4 CO3 (5)
17. Elaborate xenobiotics. K6 CO5 (5)
  18. Assess incineration with their types. K5 CO4 (10)
  - 19) Elaborate the mechanism of enzyme activity with example and labeled diagram. K6 CO5 (10)

**OR**

- Elaborate the pesticides with biochemical effects. K6 CO5 (10)