

BST-501 ENVIRONMENTAL STUDIES

Full Marks: 80

Time- 3 Hrs

Answer any five Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. **Answer All questions** 2 x 10
 - a. What do you mean by hotspots of biodiversity?
 - b. Define detritus food chain.
 - c. What is Wasteland Reclamation?
 - d. Define drought.
 - e. What is the role of decomposer in an ecosystem?
 - f. Write down any two effects of noise pollution.
 - g. What is acid rain?
 - h. What is Solid Waste Management?
 - i. What do you mean by endemism?
 - j. Define deforestation.

2. **Answer Any Six Questions** 5X6
 - a. Discuss the role of information & technology in environment & public health.
 - b. Explain the causes & consequences of over utilisation of water resources.
 - c. Differentiate between ex-situ & in-situ conservation of biodiversity.
 - d. Explain the methods adopted in Solid Waste Management.
 - e. "Environmental Studies is multidisciplinary in nature". Comment on this statement.
 - f. Explain the importance of Family Welfare Programmes.
 - g. Define Watershed Management. What are the objectives of Watershed management?

3. **Write short notes on the following:** 5*2=10

(a) Rainwater Harvesting (b) Value Education

4. **Discuss the salient features of Air (Prevention & Control of Pollution) Act , 1981.** 10

5. **Define renewable sources of energy? Give a brief account of various alternate energy sources.** 10

6. **What is climate change? Discuss the role of Public Awareness in the protection of environment.** 10

7. **Define ecological pyramids. Explain the different types of ecological pyramids.** 10