

**I-SEMESTER EXAMINATION, 2022-23**  
**I Year, B.Tech. (Common to All Branch)**  
**Environmental Studies**

**Duration: 3:00 hrs****Max Marks: 50**

*Note: - Attempt all questions. All Questions carry equal marks. In case of any ambiguity or missing data, the same may be assumed and state the assumption made in the answer.*

Q 1.	<b>Answer any four parts of the following.</b> a) What are the major causes of man wildlife conflicts in India? b) What is the main purpose of the Wildlife Protection Act, 1972? Write different schedules of Wild Life Protection Act. c) What do you meant by family planning? What are the factors that influence the growth of population in India? d) What is meant by ecological succession? Mention how initiation of succession happens and about the types of succession. e) Discuss the role of individual in conservation of pollution. f) Write a note on women education in India.	2.5x4=10
Q 2.	<b>Answer any four parts of the following.</b> a) What are the disadvantages of floods and cyclone on the society? b) Discuss the role of information technology in environment. c) Write note on women and child welfare. d) What are the effects of deforestations on the society and economy? e) Write note on desert ecosystem. f) Write note on Population explosion and family welfare programmes.	2.5x4=10
Q 3.	<b>Answer any two parts of the following.</b> a) Mention the important site in India identified for the conservation of endemic species and list the major endemic species of India. b) What are the effects of water and noise pollution on human and animal health? c) Briefly enumerate the status of India as mega diversity nation of biodiversity. Also give a brief description of in-situ and ex-situ conservation of biodiversity.	5x2= 10
Q 4.	<b>Answer any two parts of the following.</b> a) Discuss about the equitable use and conservation of natural resources. b) Explain the role green house gases in global warming and climate change. Discuss the international efforts in curbing the climate change threats. c) Define ecology and ecosystem. Explain the role of producers, consumers and decomposers in an ecosystem.	5x2= 10
Q 5.	<b>Answer any two parts of the following.</b> a) What do you mean by consumptive use value, productive use value, social value, ethical value and option value of biodiversity? b) List out and discuss the urban problems related to energy. Do you think electric vehicles offer solutions to urban environmental problems? c) How do you define the pollution as per Water Act, 1974? Also write the salient features of this Act.	5x2= 10