

Panipat Institute of Engineering and Technology

B.Tech. (2nd year) ,3rd sem. (2022)

(Environmental Studies)

ME,Ece,TE,CE

MM:-75

Time:-3 hrs.

Note:-1. All questions are compulsory

2. Each question carries 2.5 marks.

- 1. Which disease is caused due to mercury contamination and cadmium intake?*
- 2. Explain the effects of air pollution on Plants?*
- 3. Explain the value of biodiversity.*
- 4. International Earth day and world water day is celebrated on which date?*
- 5. Name the types of food chain and draw them.*
- 6. Explain the term Natalty, Mortality and survivorship.*
- 7. Explain the concept of Consumerism and waste products.*
- 8. Draw the flow chart of types of Ecosystem.*
- 9. Explain the hotspots of BioDiversity.*
- 10. What is the role of individual in the conservation of Environment?*

Section B

Note: 1. Attempt any four questions.

2. Each question carries 12.5 marks.

- 1. Define Air pollution. What are its causes, effects and preventive measures?*
- 2. Explain the management and disposal methods of Solid waste*
- 3. What is Ecological succession? Write the causes and process of succession.*
- 4. Explain watershed management. What is the effect of overexploitation of Ground water?*

5. *What are the aims of sustainable development? How can we bring awareness in public to conserve our Environment?*
6. *Explain the levels of biodiversity and conservation techniques of biodiversity?*
7. *Write short note on- Geothermal energy & biomass Energy.*
8. *Explain – a) Energy Flow in an Ecosystem
b) Environmental Ethics*

OR

Explain wildlife Protection act 1972.

