

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**B.A. LL.B. (ACADEMIC LAW)**  
**(FIVE YEARS SEMESTER PATTERN) CREDIT SYSTEM**  
**EXAMINATION : DECEMBER - 2022**  
**FOURTH - SEMESTER**  
**Sub.: Environmental Studies (BLW-18-4005)**

**Date : 16/12/2022**

**Total Marks : 60**

**Time: 2.00 pm to 4.30 pm**

**Instructions:** 1) All questions are compulsory.  
2) Figure indicate to the right full marks.

**Q. 1. Answer the following question. (15)**

A) Give a critical account of reasons, consequences and measures to control water pollution, air pollution and radioactive pollution.

OR

B) Discuss structure, function and types of eco system.

**Q. 2. Answer the following question. (15)**

A) What is Population growth? Discuss the concept and the remedial measures to control population growth. □

OR

B) Explain the concept of Land Resources , Land use change and Land degradation. Also add a note on dam building on environment.

**Q. 3. Write Short Notes. (any four) (20)**

- a) Explain the 3R Principle
- b) Difference between Renewable and Non Renewable sources of energy.
- c) Soil Pollution
- d) Energy flow in Ecosystem
- e) Acid Rain: causes and effects
- f) Discuss ecological pyramid and it's types

**Q. 4. Answer the following questions. (10)**

A) Himalayas in India are known for its rich and varied biodiversity, including alpine glaciers, deep gorges and valleys and a series of elevational belt. Vishal and his family members are habitants of Himalayas since last several years, however they have been forced to change their lifestyles due to some climatic change but they are not able to identify that why climate of Himalayas is changing? Help Vishal and his family by answering following questions:

- 1) 'Climate Change' is a global problem. What are the causes and consequences of climate change?
- 2) How Himalayan and coastal states of India are being affected by climate change?

OR

B) Geeta is a school going girl and a resident of Bhoomi Castle CHS. While going to school daily, she observes that there's a large amount of solid waste in front of her society which is causing extreme tension to her as she understands that it is certainly polluting the environment at large. Geeta wants to solve this problem but she is not understanding how. On account of above, help Geeta in finding some innovative and eco friendly solutions for effective disposal of solid waste and also discuss the causes, effects & the measures to control urban & industrial waste. □