

- N.B:** (1) All the questions are compulsory subject to internal choice.  
 (2) The marks on the right indicate total marks.

**QI. A. FILL IN THE BLANKS (ANSWER ANY 8)****8 marks**

- \_\_\_\_\_soil is suitable for cotton (BLACK, RED).
- \_\_\_\_\_ (NITROGEN/HYDROGEN) gas occupies the greatest percentage of the current atmosphere on the Earth.
- Biotic environment does not include\_\_\_\_\_ (PLANTS/WATER).
- Plants are green because of the presence of a pigment called \_\_\_\_\_(CHLOROPHYLL/ OXYGEN)
- Interlocking food chains are called\_\_\_\_\_ (FOOD WEB/ ECO TYPE).
- Noise is measured in \_\_\_\_\_units(DECIBEL/LITRES)
- The Wildlife Protection Act was enacted in the year \_\_\_\_\_ (1972/1984).
- Vermi composting is done by \_\_\_\_\_ (VEGETABLES/EARTHWORMS).
- Energy obtained from hotspots beneath the earth is called \_\_\_\_\_ (WIND/ GEOTHERMAL) energy.
- The \_\_\_\_\_ (KYOTO/US) Protocol is an international treaty which relates to Climate Change.

**B. TRUE OR FALSE (ANSWER ANY 7)****7 marks**

- Abiotic means living organisms.
- Carbon dioxide is a greenhouse gas.
- ISO 14000 is a family of standards related to environmental management.
- Deforestation refers to the loss of vegetation.
- Energy derived from running water is called tidal energy.
- Landslides are lowering of land surface.
- Sustainable tourism means responsible tourism practices.
- Earth is known as the blue planet.
- Lithosphere is the domain of water.
- Solar energy is derived using solar panels.

**QII.ANSWER IN DETAIL (ANSWER A OR B)**

A.1. Discuss the various causes of bio diversity loss.

15 marks

OR

B.1. Discuss the various threats to water resources.

15 marks

**Q III.ANSWER IN DETAIL (ANSWER A OR B)**

A.1. Discuss the renewable energy resources with suitable examples.

15 marks

OR

B.1. What is desertification? Explain the causes of desertification.

15 marks

**Q IV.ANSWER IN DETAIL (ANSWER A OR B)**

A.1.Discuss the environmental problems associated with industries.

15 marks

OR

B. 1Explain the different economic activities in detail. Also explain the impact of these on the environment in detail.

15 marks

**Q V. ANSWER A OR B**

A. 1. Explain environmental audit and its stages.

8 marks

2. Discuss various ways of conservation of land resources.

7 marks

OR

B.SHORT NOTES (ANSWER ANY 3)

15 marks

1. Food chain.

2. Tidal energy

3. Effects of noise pollution on the environment.

4. Natural resources

5. Rain water harvesting.

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