

(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

1. _____ (NITROGEN/OXYGEN) gases occupy the greatest percentage of the current atmosphere on the Earth.
2. Abiotic environment does not include _____ (PLANTS/WATER).
3. Vermicomposting is done by _____ (FRUITS/EARTHWORMS).
4. Plants are green because of the presence of a pigment called _____ (CHLOROPHYLL/OXYGEN).
5. Interlocking food chains are called _____ (FOOD WEB/ ECO TYPE).
6. Noise is measured in _____ units (DECIBEL/HERTZ).
7. The Wildlife Protection Act was enacted in the year _____ (1972/1984).
8. Energy obtained from hotspots beneath the earth is called _____ (TIDAL/ GEOTHERMAL) energy.
9. The _____ (KYOTO/TOKYO) Protocol is an international treaty which relates to Climate Change.
10. _____ soil is suitable for cotton (BLACK, YELLOW).

B. TRUE OR FALSE (ANSWER ANY 7)

7 marks

1. Biotic means living organisms.
2. Carbon dioxide is a greenhouse gas.
3. ISO 14000 is a family of standards related to environmental management.
4. Deforestation refers to the loss of soil cover.
5. Energy derived from running water is called nuclear energy.
6. Landslides are lowering of land surface.
7. Sustainable tourism means responsible tourism practices.
8. Earth is known as the red planet.
9. Hydrosphere is the domain of water.

QII. ANSWER IN DETAIL (ANSWER A OR B)

- A. 1. Explain briefly the concept of environment.

What are the major components of environment?

8 marks

2. Discuss the various causes of bio diversity loss.

7 marks

OR

- B. 1. Discuss the various threats to bio diversity loss.

15 marks

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

- A. 1. Discuss the issues related to water.

8 marks

2. Discuss the renewable energy resources.

7 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 three sector theories. 8 marks
2. Discuss the environmental problems associated with industries. 7 marks

OR

- B. Explain the different economic activities in detail. Also explain the impact of these on the environment in detail. 15 marks

Q V. ANSWER IN DETAIL (ANSWER A OR B)

- A. 1. Explain environmental audit and its stages. 8 marks
2. Discuss various ways of conservation of water resources. 7 marks

OR

- B.SHORT NOTES (ANSWER ANY 3) 15 marks

1. Ecological pyramid.
2. Solar energy
3. Effects of air pollution on the environment.
4. Natural resources
5. Rain water harvesting.
