



SHORT ANSWER TYPE QUESTIONS

Question 1. Explain the terms resource conservation and sustainable development.

Answer: Resource conservation is the concept of using resources carefully so that they do not end up quickly. The future generations also need the resources, but if we keep using them at a fast pace, they may end up, thus posing problems for the future. We should use resources in such a balanced way that we satisfy our needs as well as conserve them for future. This concept is called sustainable development.

Question 2. Why are human beings resources?

Answer: Human beings are intelligent living beings. They can use their intelligence to realise the utility of substances. Had there been no humans, the resources would not have been resources. Human beings are interdependent on each other, and they prove useful to each other. For example, a postman renders us an important service, so he is a resource.

Question 3. Explain how resources are classified broadly.

Answer: Resources are broadly classified into natural, human-made and human. Natural resources are those that are taken from nature. They are used without modifying them, i.e. in the same form as they exist in. Rivers, lakes, air, soils, minerals, trees, mountains, etc. are natural resources. Human-made resources have not been provided to us by nature. Human beings have used their intelligence to manufacture them for their own use. Examples include vehicles, buildings, roads, telephone, etc.

Human resources include people who serve us in any way. A teacher, doctor, carpenter, cobbler, etc. are human resources.

Question 4. Write a short note on the significance of time and technology in making a substance a resource.

Answer: Time and technology are important factors in making substances resources. With time, technology develops. As technology develops, we begin to discover new ways to make life better. In this process, certain substances which were useless to us earlier become useful. An invention and discovery gives us new resources. An example is hydroelectricity. This technology has made water a source of electricity.

Question 5. As human beings, how can we ensure sustainable development?

Answer: Since we live on the earth, it is our duty to practice sustainable development. We can do this by ensuring that:

- (a) The usage of renewable resources is sustainable,
- (b) The diversity of life on earth is maintained,
- (c) The damage caused to nature by our activities is as low as possible.

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