

UNIT 5: Green Skills – I

Assignment Solutions

Multiple-Choice Questions (MCQs)

1. is one of the main reasons behind ecosystem imbalance.
- Pollution
 - Natural resource
 - Economy
 - Environment

Ans. a

2. refers to the network of interactions between living things and their environment.
- Ecosystem
 - Deforestation
 - Green skill
 - Soil erosion

Ans. a

3. It increases the temperature of the earth and also causes climatic changes.
- Global warming
 - Green economy
 - Environment
 - Society

Ans. a

4. The forests are one of the vital sources that help in balancing the ecosystem. (True/False)

Ans. True

5. Extensive extraction of natural resources is beneficial for both human beings and the environment. (True/False)

Ans. False

Very Short Answer Questions

1. Write any two ways that can be used to save and conserve the natural resources.

Ans. The following ways can be used to save and conserve the natural resources:

- ☐ Tree plantation to prevent soil erosion
- ☐ Use of solar energy, wind energy and other alternative sources

2. Define Green economy.

Ans. Green economy can be defined as a sustainable economy that improves the human well-being and social equity and also supports the environment and ecological system.

3. Enlist any two roles played by the green economy.

Ans. The vital roles played by the green economy are as follows:

- ☐ It makes the quality of life better.
- ☐ The environmental balances become harmonized.

Short Answer Questions-I

1. What do you understand by environment?

Ans. Environment can be defined as everything that surrounds us. It comprises both living and non-living objects. It also includes physical, chemical and natural forces.

2. What do you understand by an ecosystem?

Ans. An ecosystem can be represented as a natural unit that contains living organisms, such as animals, plants in order to work together with the physical environment.

3. What does the term “Natural resource conservation” mean?

Ans. The protection, preservation, restoration and rational use of all the natural resources in the total environment are collectively called natural resource conservation. It refers to the conservation of land, water, soil, plants and animals. It focuses on how resource depletion affects the quality of life.

4. What do you mean by global warming in the ecosystem?

Ans. Global warming is a phenomenon that plays a significant role to imbalance the ecosystem. It increases the temperature of the earth and also causes climatic changes.

5. Explain the importance of green economy.

Ans. The importance of green economy can be explained by numerous vital roles it plays. Some of them are:

- ☐ It makes the quality of life better.
- ☐ It stabilizes resources and improves their efficiency.

Short Answer Question-II

1. What do you mean by green economy?

Ans. Green economy is an economy that results in the growth and development of social well-being and also aims at improving the environment on safety parameters. It is an effort that focuses at reducing poverty risks and aims at sustainable development with respect to economic activities. It can be defined as the combination of sustaining and boosting economy, environment and social welfare.

2. What do you understand by deforestation?

Ans. The phenomenon caused due to excessive efforts to clear the forest in order to make land available for commercial and domestic

use is called deforestation. It can cause ecosystem imbalance. The forests are one of the vital sources that help in balancing the ecosystem.

3. What do you understand by the relationship between society and environment?

Ans. The general relations between society and physical environment are as follows:

- **Culture and Civilization:** Culture and civilization are greatly influenced by the surrounding environment. The great rivers like the Ganges, the Euphrates, the Nile, the Yangtze-kiang, etc., play an important role in nurturing our civilizations.
- **Economic Prosperity:** The geographical condition of a country is deeply related to the economic prosperity of the region. Sufficient natural resources are necessary for the economic growth of a country. The production in a certain region depends upon the raw materials available in that region.

4. What do you mean by environmental protection and conservation?

Ans. Environmental protection and conservation can be defined as an effort of securing the environment by individual, government and non-government organizations for the profit of both the living organisms and the environment.

5. What do you understand by natural resource conservation?

Ans. The protection, preservation, restoration and rational use of all the natural resources in the total environment are collectively called natural resource conservation. It refers to the conservation of land, water, soil, plants and animals. It focuses on how resource depletion affects the quality of life. This is significant because

natural resources help human beings in their survival and act as the sole provider of our fundamental needs, which include food, clothing and shelter.

Long answer Questions

1. Explain environment in detail.

Ans. Environment can be defined as everything that is around us. It can be living and non-living organisms. It also includes physical, chemical and natural forces. All living organisms live in their physical environment. They continuously interact with each other and adapt themselves to their physical environment. In other words, environment simply means surroundings (environs). Environment is our basic life support system which provides us with air, water, food and land. It is a combination of natural and human phenomena, which may include the surroundings of all entities around any object or individual.

2. Explain green economy and its importance.

Ans. Green economy can be defined as a sustainable economy that improves the human well-being and social equity and also supports the environment and ecological system. It is about filling the gap between sustainable development and unbalanced resources, such as water, air, soil, etc.

Green economy is important because it plays significant role in improving the overall economic and social system. Some of the benefits of green economy are as follows:

- It makes the quality of life better.
- The environmental balances become harmonized.
- The resource efficiency increases.
- It causes new technological development.
- New economic commodities generate, which may be in conformity with the environment.