

**1. Answer the following questions.****(i) Why are resources distributed unequally over the earth?**

**Answer:** Earth has different topography, climate and altitude at different places. The difference in these factors has resulted in unequal distribution of resources on the earth. Also, all these factors are different from place to place on the planet. Moreover, the level of development and technological levels determine the distribution.

**(ii) What is resource conservation?**

**Answer:** Saving resources for future generations is called conservation. It is the protection and ethical use of valuable resources such as minerals, water, trees, wildlife and others. Resource conservation focuses on maintaining the natural world in order to protect the sources of resources.

**(iii) Why are human resources important?**

**Answer:** Humans as a resource are important because they have the ability to extract value from all other resources. They can make the best use of nature to create more resources, as they have the knowledge, skill and technology to do so. Education and health help in making humans a valuable resource.

**(iv) What is sustainable development?**

**Answer:** Balancing the need to use resources and also conserving them for the future is called sustainable development. The future of our planet and its people is linked with our ability to maintain and preserve the life support system that nature provides. Sustainable development is when all renewable resources are used sustainably, the diversity of life on the earth is conserved, and the damage to the natural environmental system is minimised and saved for future generations.

**2. Tick the correct Answer****(i) Which one of the following does NOT make the substance a resource?**

1. Utility
2. Value
3. Quantity

**Answer:** 3 Quantity

**(ii) Which one of the following is a human-made resource?**

1. Medicines to treat cancer
2. Spring water
3. Tropical forest

**Answer:** 1 Medicine to treat cancer

**(iii) Complete the following statement:**

Biotic resources are .....

1. Derived from living things
2. Made by human beings
3. Derived from non-living things

**Answer:** 1 Derived from living things