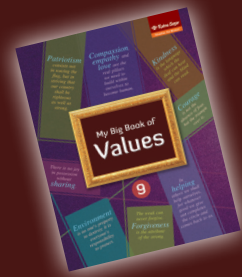


WORKSHEET 5

CHAPTER 5 – Earth's Resources

My Big Book of
Values

9



Answer the following questions.

A. The Act It Out section shows conflicts that are increasingly becoming cause for concern in today's world. Of the conflicts mentioned below, which are they?

1. The conflict between government officials and residents
2. The conflict between the government and citizens
3. The conflict between environment and urban development
4. The conflict between urban and rural areas
5. The conflict between infrastructure development and residential areas
6. The conflict between the animal world and the human world
7. The conflict between domestic development and foreign investment

B. Answer the questions given below by choosing the correct options.

1. Forests are not a renewable resource because
 - a. they are entire ecosystems which take a long time to develop.
 - b. trees take a long time to grow.
 - c. with the degradation of soil, forests grow back slowly.
 - d. with the loss of habitation, there is no one to plant new trees.
2. Koki's great-grandfather loved trees because
 - a. they loved him a lot.
 - b. he had been a forest officer for many years, and so knew and understood trees very well.
 - c. in the valley, plants and trees are tall, strong and beautiful.
 - d. his house on the outskirts of the town was surrounded by trees.

Name:

Teacher's signature:

Class: IX

Date:

3. What belief did Koki's great-grandfather have regarding trees?
 - a. One day a terrible demon will come and cast a spell on them, uprooting them from their places.
 - b. If a tamarind tree could grow at a place, then other trees could grow there too.
 - c. One day the trees will move again and walk about the earth like people.
 - d. If you loved trees, they loved you back.
4. According to Koki's grandmother, monsoon is the best time because
 - a. everywhere there is the magic of new life and verdure.
 - b. there is a lot of rain which fills up the river bed.
 - c. the scrubland beyond the riverbed becomes green.
 - d. plants take root in unlikely places such as the roof and window sill of the house.
5. Koki's great-grandfather can be called an environment activist. Why?
 - a. Because he understood the value of trees not only for wild animals but also for human beings.
 - b. Because he understood that cutting them down without planting new ones would turn the world into a desert.
 - c. Because he would plant trees wherever he thought they could be planted.
 - d. All of the above.

C. Answer the following questions briefly.

1. What did the famous natural historian David Attenborough describe human population as?

2. What do you understand by environment sustainability?

3. How was the environment regarded in ancient India?

4. Give an example from ancient India about a practice that helped to conserve forests.

5. What happened during the Chipko Movement in 1973?

6. Why is Jayadev Payeng known as the Forest Man of India?

D. Given below is a passage regarding the human-animal conflict. Fill in the blanks with appropriate words from the box.

elephants straying tragic defend reptiles co-existence
 danger habitat human leopard urban

In the past few years, there have been reports of _____ sightings near cities and towns. Large _____ have entered houses and scared the wits out of residents. Wild _____ have changed their trails and entered _____ territory. With expanding _____ boundaries, forests land is being appropriated and the natural _____ of wild animals are being taken away. It is therefore not surprising to see wild animals _____ into human settlements. The outcome of such incidents is often _____. In an effort to _____ themselves, people harm the wild creatures, or worse, kill them. The peaceful _____ of human and animals is now in _____.

E. Based on your understanding of Vartika’s story, write one way in which you can recycle each of the following to achieve better waste management in your home.

Kitchen waste	
Waste water	
Plastic waste	
Used paper	

F. Identify the incorrect statement from among the following.

1. One needs to have a certain amount of wealth and possessions to lead a fulfilling life. _____
2. Since the middle of the 19th century, energy consumption has increased more than three times the rate of increase of population. _____
3. It is normal for one to five species to become extinct annually. _____
4. Earth Overshoot Day is observed on 30th July every year. _____
5. The day when humankind's demand for resources exceeds what Earth can regenerate in that year is the Earth Overshoot Day. _____
6. Burning fossil fuels releases greenhouse gases into the atmosphere which increases global temperature. _____
7. Increasing global temperatures will lead to hostile climatic conditions. _____
8. To conserve Earth's resources, economic systems will have to move away from exploiting Earth's resources to nurturing them. _____