

**Chapter-1: Living Things and Environment**

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**1. Fill in the blanks with appropriate words:**

- 1) A place where animals can be safe is called \_\_\_\_\_. Ans: shelter
- 2) Living things get all the necessary things from \_\_\_\_\_. Ans: the environment
- 3) Plants need \_\_\_\_\_, water and air in order to make food. Ans: sunlight
- 4) Human changes the environment to get \_\_\_\_\_. Ans: natural environment
- 5) Shelter provides animals with protection from other \_\_\_\_\_. Ans: predators
- 6) Plants give off \_\_\_\_\_ into air when they make food. Ans: oxygen
- 7) All living things need \_\_\_\_\_ to survive and grow. Ans: energy
- 8) A \_\_\_\_\_ is a special place where plants grow and animals live in. Ans: habitat
- 9) Animals drink water to help \_\_\_\_\_ their food. Ans: digest
- 10) Plants make food using \_\_\_\_\_ and water. Ans: sunlight
- 11) Human have been cutting down trees to use as fuel or building \_\_\_\_\_. Ans: materials
- 12) Human have cleared forests for land to \_\_\_\_\_ crops. Ans: cultivate
- 13) The environmental change can affect the changes in \_\_\_\_\_ and temperature. Ans: rainfall

**2. Multiple Choice Question:**

- a. What do plants give off when they make food?
  - i. Oxygen (Ans)
  - ii. Carbon dioxide
  - iii. Water vapor
  - iv. Nitrogen
- b. Where do humans directly get the energy to survive?
  - i. Food (Ans)
  - ii. Water
  - iii. Road
  - iv. River
- c. Which of the following is not needed by plants to make food?
  - i. Sunlight
  - ii. Water
  - iii. Carbon dioxide
  - iv. Oxygen (Ans)
- d. Who can make their own food?
  - i. Plants (Ans)
  - ii. Animals
  - iii. Vertebrates
  - iv. Invertebrates
- e. Which of this is a special place where plants grow and animals live?
  - i. Atmosphere
  - ii. Habitat (Ans)
  - iii. Predator
  - iv. Shelter
- f. Which of the following is a place where animals can be safe?
  - i. Atmosphere
  - ii. Habitat
  - iii. Predator
  - iv. Shelter (Ans)

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- g. What is the name of the gas that we breathe in?
- |                    |               |
|--------------------|---------------|
| i. Oxygen (Ans)    | iii. Nitrogen |
| ii. Carbon dioxide | iv. Hydrogen  |
- h. What is the name of the gas that we breathe out?
- |                          |               |
|--------------------------|---------------|
| i. Oxygen                | iii. Nitrogen |
| ii. Carbon dioxide (Ans) | iv. Hydrogen  |
- i. Where do plants get the energy to make food?
- |                    |                     |
|--------------------|---------------------|
| i. Water           | iii. Sunlight (Ans) |
| ii. Carbon dioxide | iv. Oxygen          |
- j. What do animals need to digest food?
- |                |            |
|----------------|------------|
| i. Air         | iii. Soil  |
| ii. Water(Ans) | iv. Oxygen |

**3. write the correct sentences in the answer script by matching the left-hand side with the right hand side:**

A. living things need, food	i. plants and animals to get energy.
B. no living things can	ii. well without sunlight and water.
C. animals use the oxygen from	iii. Survive without water.
D. Plants cannot grow	iv. habitat, shelter, water, and to survive.
E. Human eat different kinds of	v. air and give off carbon dioxide.

**Ans:**A+iv- Living things need food, habitat, shelter, water, and air to survive.

B+iii-No living things can survive without water.

C+v- Animals use the oxygen from air and give off carbon dioxide.

D+ii- Plants cannot grow well without sunlight and water.

E+i-Human eat different kinds of plants and animals to get energy.

**4. Write the answer of the following questions in short:**

1. What do living things need to survive?

Ans: Living things need food, habitat, shelter, water and air to survive.

2. Why do animals need food?

Ans: Animals need food to get energy and nutrients for survive.

3. What is habitat?

Ans: Habitat is the part of the environment where a plant or an animal lives.

4. What is shelter?

Ans: A shelter is a Place where animals can be safe.

5. Why do animals drink water?

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Ans: Animals drink water to help digest their food.

6. What do plants give off and get from air?

Ans: Plants give off oxygen and use carbon dioxide from air.

7. What do plants need to make food?

Ans: Plants need sunlight, water and carbon dioxide of air in order to make food.

8. Why does human depend on environment directly or indirectly?

Ans: Human directly or indirectly depends on the environment for their food.

9. What do all living things need to survive and grow?

Ans: All living things need energy to survive and grow.

10. What can cause environmental change?

Ans: Environmental changes can be caused by natural disasters and human activities.

11. Name four natural disasters.

Ans: The four name of natural disaster are drought, flood, storm and landslides.

12. Why do people clean forest?

13. Ans: Human have cleared forests for land to cultivate crops or livestock for food, and to build houses, roads, and factories.

14. What can be affected by environmental change?

Ans: The environmental changes can affect the changes in rainfall and temperature.

15. What causes different types of natural disasters?

Ans: The change in temperature and rainfall may cause different types of natural disasters.

**5. Write the answer of the following broad questions:**

a) What are the differences between habitat and shelter?

Ans: The differences between habitat and shelter are given below:

Habitat	Shelter
A habitat is a special place where plants grow and animals live in.	A shelter is a place where animals can be safe.
Habitat is a part of environment where animals or plants can survive.	It provides animals with protection from enemies or weather conditions
Example: Water lily, fish use water as habitat.	Example: Birds make nest in trees for shelter.

b) How do animals and plants depend on each other?

Ans: Animals and plants depend on each other in many ways. Some of them are given below:

**Animals:**

- Food: Animals cannot make food by themselves. They must eat plants or other animals as food to get energy.
- Breathing: animals use oxygen from air. Plant give off oxygen into air.
- Shelter: animals use plant as shelter. For example, birds make nests in trees for shelter.

**Plant:**

- Food: plants make food with the help of carbon dioxide. Animals exhale carbon dioxide gas and plant absorb carbon dioxide from air.
- Nutrition: animal's bodies after death organic fertilizer which supplies nutrients for plants.
- Pollination: animals such as birds, insects help plants in pollination.

c) How living things are being harmed by environmental change?

Ans: Environmental changes can be caused by natural disasters and human activities. The change can affect the changes in rainfall and temperature. the change in temperature and rainfall may cause different types of natural disasters such as flood, drought, storm and landslides. These natural disasters cause serious damage to living things like:

Disappearing habitat: The environment changes cause the destruction of habitats of many living things.

Lack of food:They cannot get proper food for the environmental change.

d) How have humans changed environment?

Ans: Human have been cutting down trees to use as fuel or building materials. They have cleared forests for land to cultivate crops or livestock for food, and to build houses, roads, and factories. Human is also changing an environment to get natural resources.