

Easy Science 2

Answer Key

Chapter 1 Animals

1. Choose the correct answer.

- i. a. Eyes
- ii. a. Nose
- iii. a. Mouth

2. Answer the following questions

- i. Land animals breathe with lungs. Water animals breathe with gills.
- ii. Babies of humans grow into adults through development from babies to adults. Babies of birds grow into adults through hatching from eggs and then developing feathers. Frog babies grow into adults after hatching from eggs in water as tadpoles to frogs. Babies of butterflies grow into adults after hatching from eggs on the leaves as caterpillar to a butterfly.
- iii. Land animals are found in various habitats like forests, grasslands, deserts, mountains, etc.
- iv. Land animals live on land.

3. Write the names of the animals and their babies.

- i. Horse and Foal
- ii. Dog and Puppy
- iii. Cat and Kitten

3. Fill in the following blanks.

- i. Legs
- ii. Gills
- iii. Lungs

Chapter 2 Plants

1. Choose the best answer.

- i. b. carrots
- ii. a. Roots
- iii. a. Banana

2. Answer the following questions.

- i. The job of the stem is to support the plant, but some new plants grow from stem as well. The flower's job is to make seeds and fruits.
- ii. Plants need nutrients from soil, sunlight, air, and water to make their food and to grow.
- iii. Seeds are important for plants because they develop into new plants. They contain everything needed to begin growth, using water and nutrients to roots.

3. Label the parts of the plant.



Chapter 3

The Natural Environment

1. Choose the correct answer.

- i. a. Wood
- ii. c. Land resources
- iii. a. deforestation

2. Answer the following questions.

- i. An environment is made up of living things (like plants and animals) and non-living things (like air, water, soil, and sunlight).
- ii. Some land resources are soil, rocks, minerals, forests etc.
- iii. Natural resources are important for us because they provide us with food, water, shelter, energy, and materials for various needs.

3. Write down natural resources from air, water, and land in the correct columns.

- i. Air: Oxygen, Nitrogen, Wind
- ii. Water: Rivers, Lakes, Oceans, Rain
- iii. Land: Soil, Forests, Minerals, Rocks

4. Fill in the following blanks.

- i. Land
- ii. Wind

Chapter 4 Water

1. Choose the correct answer.

- i. d. Sun
- ii. a. Food
- iii. c. Both a and b

2. Answer the following questions.

- i. Some of the natural sources from which we get water are rainwater,
- ii. rivers, ponds, streams, lakes, and oceans.
- iii. Areas in Pakistan with water shortages include parts of Balochistan.
- iv. If we run out of water, life as we know it would stop to exist. Plants, animals, and humans would die. There would be no agriculture, industries would shut down, and hygiene would be impossible.

3. Put the correct number to show how water gets to our homes.



Chapter 5

Materials

1. Choose the correct answer.

- i. b. Wood
- ii. b. Plastic
- iii. a. Sand

2. Answer the following questions.

- i. The two types of materials are natural and human-made.
- ii. Materials are important because they are used to make everything around us, from the clothes we wear to the buildings we live in. They provide specific purposes based on their properties.
- iii. Some examples of types of materials are wood, plastic, metal, glass, fabric, stone, paper, ceramic, and rubber.

3. Look around your environment. Write the names of objects made from man-made or natural materials. Also, write the name of the materials.

| Objects made from manufactured material | Objects made from natural material | Name of material |
|---|------------------------------------|------------------|
| Plastic Water Bottle | Cotton Cloth | Plastic / Cotton |
| Metal Chair | Stone Countertop | Metal / Stone |
| Brick Wall | Leather Sandals | Brick / Leather |
| Glass Window | Bamboo Fence | Glass / Bamboo |
| Paper Book | Wool Blanket | Paper / Wool |

Chapter 6

Heat

1. Choose the correct answer.

- i. a. Energy
- ii. d. Ice
- iii. c. Cold

2. Answer the following questions.

- i. Some sources of heat are the sun, fire, heaters, Hair dryer etc.
- ii. Some methods to produce heat are;
 - Sun is a ball of hot burning gases which produces heat.
 - Electricity also produces heat by electric heater, toaster, etc.
 - Rubbing of two or more things produces heat e.g. rubbing of hands or stones.
 - Burning of things like wood or fuel produces heat.
- iii. If there is no heat, everything would freeze. There would be no liquid water, no life as we know it, and the planet would be an icy land to live.

3. Look around your home or classroom and find three things that use heat. Draw a picture of each item and write why it uses heat.



Chapter 7 Light

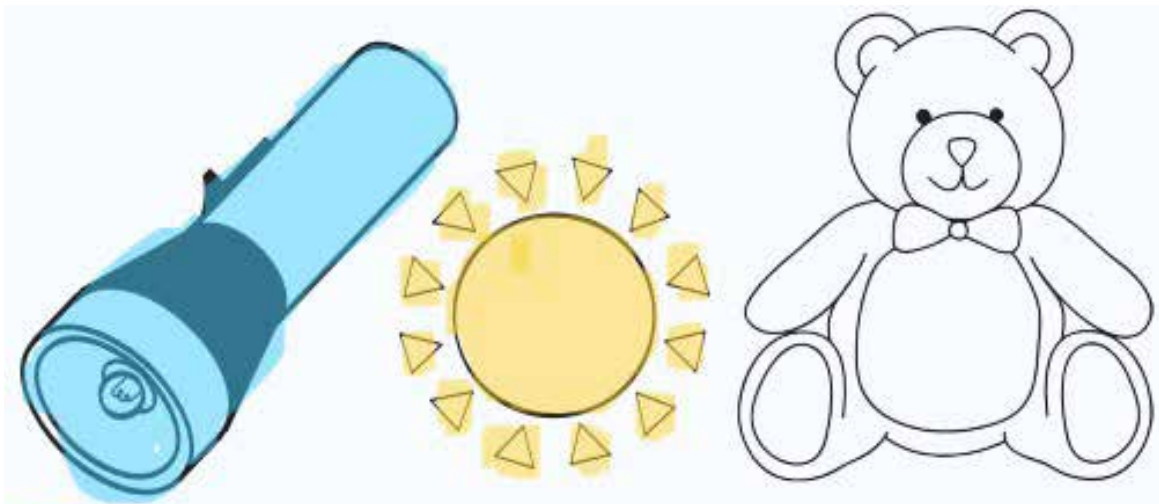
1. Choose the correct answer.

- i. b. Torch
- ii. a. Streetlight
- iii. a. near

2. Answer the following questions.

- i. Light is a form of energy that makes things visible. Some natural sources of light are the sun, stars, fireflies, jellyfish, torch, bulb etc.
- ii. Light is important for us because it allows us to see, helps plants growing and making of food, is useful for traffic signals, and helps us see in the dark via streetlights.
- iii. Some human-made sources of light are bulbs, torches, candles, streetlights, lamps, and screens (like phone or computer screens).

3. Identify and colour the sources of light below.



Chapter 8

Force

1. Choose the correct answer.

- i. a. far
- ii. d. All of the above
- iii. b. motion

2. Answer the following questions.

- i. Push and pull are forces that can move objects. Push moves objects away, and pull moves objects closer.
- ii. With the help of force, we can move objects, stop objects, change the direction of objects, and change the speed of objects.
- iii. If we want to speed up our toy car, we will apply more force (push harder) to it.

3. Write down what will happen if you apply force the following ways.

- i. Push a slow-moving ball: The ball will speed up and move further.
- ii. Put the hand in front of a moving toy car: The toy car will slow down and stop.
- iii. Pull a closed drawer: The drawer will open.
- iv. Hit a ball towards the left: The ball will change direction and move towards the left.
- v. Push the brakes of a bicycle: The bicycle will slow down and stop.

Chapter 9 The Solar System

1. Choose the correct answer.

- i. a. Sun
- ii. b. 8
- iii. a. Jupiter

2. Answer the following questions.

- i. Moons are large objects that travel around the planets. Mercury and Venus have no moons.
- ii. The largest planet in the solar system is Jupiter.
- iii. Neptune has 13 moons.

3. Label the given picture of the solar system.

