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WONDERS OF **SCIENCE** **1**



Living and Non-living Things



A. Tick (3) the correct option.

1. (a) 2. (c) 3. (c) 4. (b) 5. (c)

B. Fill in the blanks with correct words.

1. breathe 2. Chair 3. Non-livings 4. living 5. Humans

C. Write 'T' for true and 'F' for false statements.

1. T 2. F 3. T 4. F 5. F

D. Match the following:

1. d 2. a 3. b 4. c

E. Answer the following questions.

- All plants, animals and humans are living things.
- Living things need food.
- Living things need food.
 - Living things breathe.
 - Living things grow.
 - Living things move.
 - Living things reproduce.
- Some things do not have life. They are called non-living things.
- Water, wood and rocks are some non-living things that are found in nature.

Fun Activity

| | | | | | |
|---|---|---|---|---|---|
| P | O | N | Y | Z | S |
| U | P | A | O | N | T |
| P | A | A | R | B | U |
| P | D | N | Q | M | D |
| Y | G | I | R | L | E |
| O | N | M | A | E | N |
| R | G | A | T | D | T |
| L | C | L | I | O | N |

1. ANIMAL 2. GIRL 3. LION 4. STUDENT 5. PUPPY



Plants and their Products



A. Tick (3) the correct option.

1. (a) 2. (b) 3. (a) 4. (c)

B. Fill in the blanks with correct words.

1. Root 2. many 3. colourful 4. leaves 5. fruits

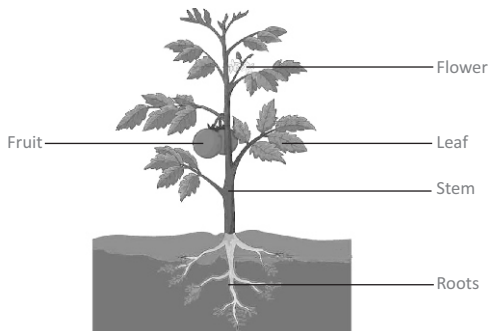
C. Write 'T' for true and 'F' for false statements.

1. F 2. T 3. T 4. T 5. F

D. Answer the following questions.

1. Root fixes the plant in the soil.
2. Flower, fruit and leaf.
3. Leaves make food for plant.
4. Mango, Apple, Guava, Strawberry, Papaya

Fun Activity





3

Plants and Their Products



A. Tick (3) the correct option.

1. (a) 2. (a) 3. (b) 4. (b) 5. (c)

B. Fill in the blanks with correct words.

1. Cereals and pulses 2. limber 3. Mint 4. Mustard
5. watermelon

C. Match the following:

1. e 2. c 3. a 4. b 5. d.

D. Answer the following questions.

1. Very big plants are called trees. They are tall, strong and have many branches. They live for many years. Mango, neem, apple, banyan, peepal are some examples of trees.
2. **Shrubs** : Rose, Hibiscus **Herbs** : Coriander, Tulsi
3. **Creepers** : watermelon **Climbers** : Money plant
4. Cereals are the grains belonging to the grain family.
5. Pulses are a type of leguminous crops that are harvested for dry seeds only. Gram, peas, Kidney beans etc. are pulses.

Fun Activity

Do it yourself.



4

The Animal World



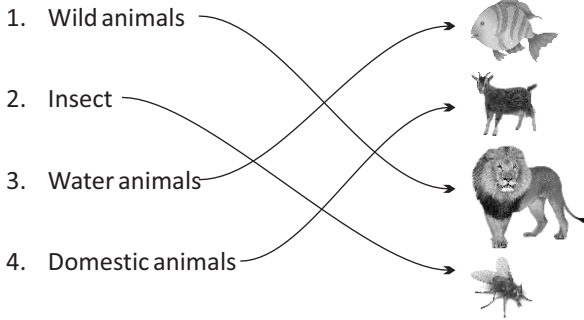
A. Tick (3) the correct option.

1. (c) 2. (c) 3. (c) 4. (b) 5. (c)

B. Fill in the blanks with correct words.

1. Domestic 2. wild animals. 3. Birds
4. fly 5. Insects

C. Give two examples each of the following.



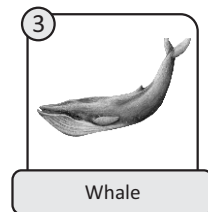
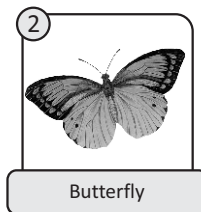
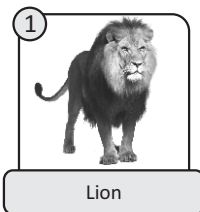
D. Give two examples each of the following.

- | | | |
|---------------------|-----------------|----------------|
| 1. Big animals | Elephant | Giraffe |
| 2. Small animals | Mouse | Dog |
| 3. Wild animals | Tiger | Lion |
| 4. Water animals | Whale | Octopus |
| 5. Domestic animals | Cow | Horse |

E. Answer the following questions.

1. Animals that can be tamed for work or for food are called domestic animals.
2. Animals like cows provide us with dairy products, goats with meat, hen with eggs. Cows, buffalo and horses are used as a medium for transportation. Dogs and cats provide us with companionship, dogs also provide protection.
3. The animals that live in water are called water animals. Whale, shark, octopus are some water animals.
4. Some animals can be seen only in the forests. They are called wild animals like tiger, lion, deer, zebra. Some wild animals are kept in zoos.
5. Grasshopper, cockroach, mosquito

Fun Activity



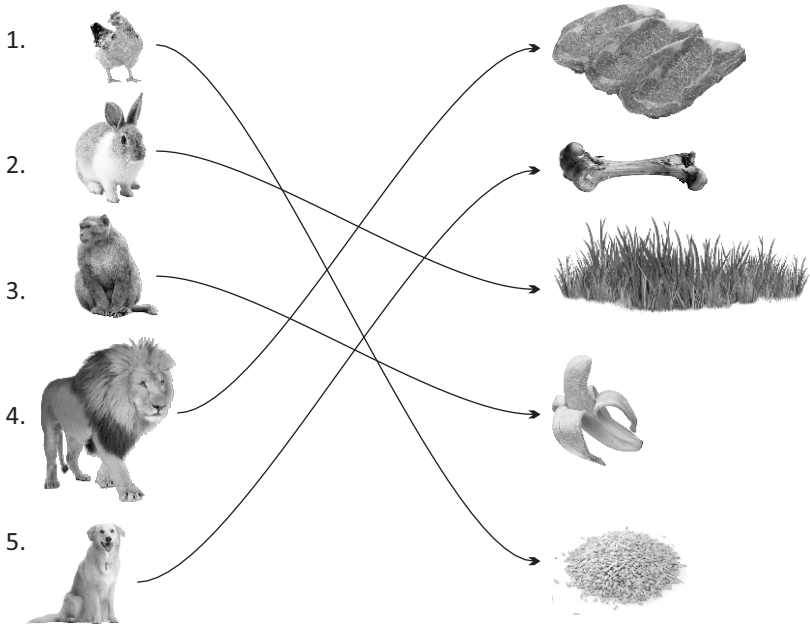
Food and Shelter for Animals

EXERCISES

A. Tick (3) the correct option.

1. (b) 2. (b) 3. (b) 4. (c) 5. (c)

B. Match the following:



C. Name the following.

1. Fish 2. Lion 3. Rabbit 4. Spider 5. Ant

D. Answer the following questions.

1. Tigers and lions eat only flesh of other animals.
2. Pigeon, Parrot, rat and hen eat grains.
3.
 - A rabbit digs a burrow and stays in it.
 - A bird makes a nest and lays its eggs in it.
 - A spider spins a web.
 - Ants make an ant-hill.

4. Shed for cows, aquarium for fishes, kennel for dog, stable for horse.
5. Lion, snake, bear, elephant live in natural shelter.

Fun Activity

Do it yourself.



6

Our Body



A. Tick (3) the correct option.

1. (a) 2. (a) 3. (c) 4. (c) 5. (c)

B. Fill in the blanks with correct words.

1. four 2. see 3. Hands 4. five 5. touch

C. Match the following:

1. d 2. a 3. b 4. e 5. f 6. c

D. Answer the following questions.

1. Eyes, ears, nose chin, neek, shoulder, chest, arms, legs are ten, different parts of the human body.
2. Our legs help us to walk.
3. Our hands help us to write, eat, touching and hold the things.
4.
 - Our eyes help us to see. • Our nose helps us to smell.
 - Our ears help us to hear. • Our tongue helps us to taste.
 - Our skin helps us to feel.
5. Our skin helps us to feel.

Fun Activity

1. Hard 2. Fluffy 3. Sharp 4. Hot



7

Keeping Fit



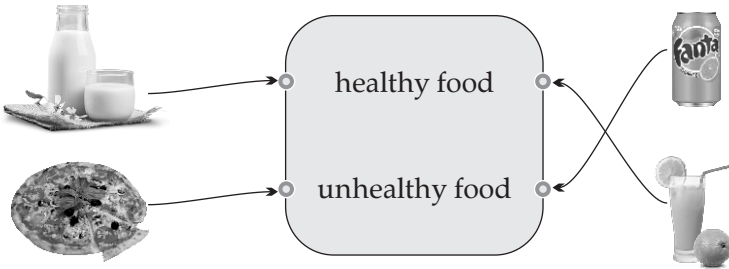
A. Tick (3) the correct option.

1. (b) 2. (c) 3. (a) 4. (b) 5. (c)

B. Fill in the blanks with correct words.

1. grow 2. grow, stay healthy 3. outdoor 4. Indoor 5. healthy

C. Match the following:



D. Answer the following questions.

1. Our body needs food to get energy.
2. Fresh fruits, vegetables, cereals and pulses are healthy food.
3. Pizza, burger, chowmeen, soft drinks are some of the unhealthy foods.
4. We must do some light exercise everyday to keep us fit and strong.
5. We should sleep for eight hours a day.

Fun Activity

Do it yourself.



Being Safe

EXERCISES

A. Tick (3) the correct option.

1. (c) 2. (b) 3. (b) 4. (b) 5. (c)

B. Fill in the blanks with correct words.

1. zebra-crossing 2. queue 3. park, garden
4. rough 5. touch

C. Write 'T' for true and 'F' for false statements.

1. T 2. T 3. F 4. F 5. T

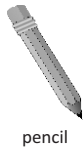
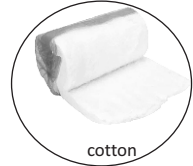
D. Answer the following questions.

1. Safety means being safe from danger, risk or injury.
2. • Walk on the footpath. • Obey the traffic rules.

3. • Do not get down from a moving bus.
• Do not disturb the driver.
4. • Play in safe places like in park or garden.
• Play away from tanks, ponds, etc.
5. We should not play with sharp objects like knives, scissors etc.



Learn by Doing



Fun Activity

- Red says **Stop**
 Yellow says **to wait or go slow.**
 Green says **that the vehicles are allowed to go ahead.**



Our Housing and Clothing



EXERCISES

A. Tick (3) the correct option.

1. (c) 2. (c) 3. (b) 4. (c) 5. (c)

B. Fill in the blanks with correct words.

1. bedroom 2. meals 3. clothes 4. raincoat 5. woollen

C. Name the following.

1. Pucca house 2. winter 3. summer
 4. cotton plant 5. sheep

D. Answer the following questions.

1. Houses are mainly of two types : kutcha house and pucca house.
2. We need clothes to cover our body. clothes protect us from cold, heat, rain and wind.
3.
 - In summer when it is very hot, we wear light cotton clothes. They keep our body cool and give relief from heat.
 - In winter when it is cold, we wear woollen clothes. They keep our body warm. We also put on shoes and socks to protect our feet from cold. woollen clothes are made of wool.
4. Different rooms in a house are for different purposes :
 - We welcome our guests in the drawing room.
 - We take a bath in the bathroom or washroom.
 - We take rest and sleep in the bedroom.
 - We cook food in the kitchen.
 - We eat our meals in the dining room.
 - We study in the study room.
 - We store things and keep empty boxes in the store room.
5. A house protects us from the sun, heat, rain, cold, wild animals and thieves.

Fun Activity

Do it yourself.



Air and Water



A. Tick (3) the correct option.

1. (c) 2. (b) 3. (c) 4. (c) 5. (c)

B. Fill in the blanks with correct words.

1. air 2. moves 3. wind 4. Rain 5. container

C. Write 'T' for true and 'F' for false statements.

1. T 2. F 3. T 4. T 5. F

D. Identify the following sources of water.



Handpump



well



River

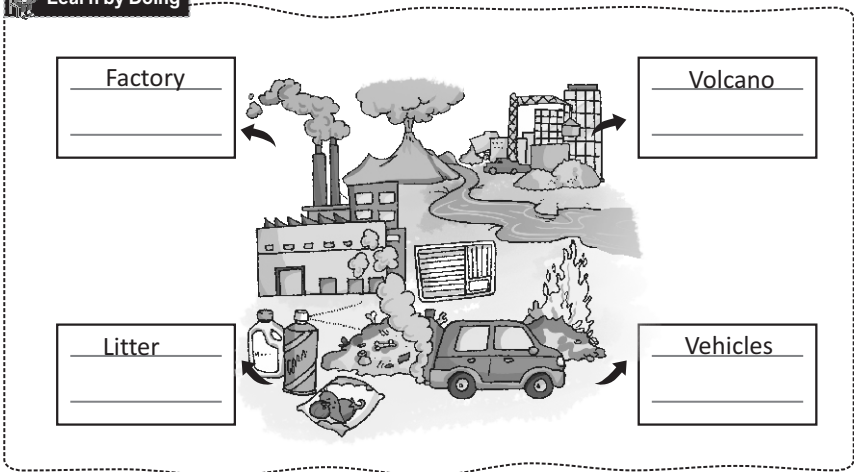


Rainwater

E. Answer the following questions.

1. Moving air is called wind.
2.
 - We should close the tap properly after use.
 - We should take a quick bath. Don't play with water.
3. Properties of Water
 - Clean water is colourless.
 - Clean water is odourless. It does not have any smell.
 - Water takes the shape of the container in which it is poured.
4. A large amount of water is stored in dams, municipal tanks and house tanks. Pots are also used to store water.
5.
 - Air helps to play musical instruments such as a flute, trumpet and mouth organ.
 - Air helps in drying wet clothes.

Learn by Doing



Fun Activity

Do it yourself.



Weather and Seasons

EXERCISES

A. Tick (3) the correct option.

1. (c) 2. (b) 3. (c) 4. (c) 5. (c)

B. Fill in the blanks with correct words.

1. air 2. moves 3. wind 4. Rain 5. container

C. Name the following.

1. Rainy season or Monsoon 2. Rainy season 3. Autumn
4. Winter 5. Spring

D. Answer the following questions.

1. The day-to-day conditions of a place are called weather.
2. Summer, rainy, autumn, winter and spring are
3. On windy days, air moves very fast. strong winds blow away things.
4. April, May and June are called summer season. November, December, January and February are called winter season.
5. The weather remains cloudy and rainy during the months of July and August. These rainy months together are called the rainy season or monsoon. We wear a raincoat on a rainy day.



Learn by Doing

1. The season in which Dussehra festival is celebrated.

| | | | | | |
|---|---|---|---|---|---|
| A | U | T | U | M | N |
|---|---|---|---|---|---|
2. The season in which Christmas festival is celebrated.

| | | | | | |
|---|---|---|---|---|---|
| W | I | N | T | E | R |
|---|---|---|---|---|---|
3. The season in which we eat fruits like mangoes, watermelons and melons.

| | | | | | |
|---|---|---|---|---|---|
| S | U | M | M | E | R |
|---|---|---|---|---|---|
4. The season in which rivers, ponds and puddles are full of water.

| | | | | | | |
|---|---|---|---|---|---|---|
| M | O | N | S | O | O | N |
|---|---|---|---|---|---|---|

Fun Activity

Do it yourself.



The Sun, Moon and Stars



A. Tick (3) the correct option.

1. (b) 2. (b) 3. (a) 4. (b) 5. (c)

B. Fill in the blanks with correct words.

1. daytime 2. night 3. moon 4. stars 5. west

C. Write 'T' for true and 'F' for false statements.

1. T 2. T 3. F 4. F 5. F

D. Answer the following questions.

1. The sun gives us heat and light. Animals and plants need the warmth and light of the sun to stay alive.
2. The sun rises in the east in the morning and set in the evening in the west.
3. Moon gets its light from the Sun.
4. Moon is present in the sky during day and night time. We don't see it easily during the day due to the bright light given out by the Sun.
5. Stars look very small because they are very far from us.



1. Sun 2. The Moon

Fun Activity

Do it yourself.