

SCIENCE – 2

Chapter - 1

A. Fill in the blanks.

1. Heart is an internal part of our body.
2. Muscles pull the joint and help us to move.
3. Posture gives shape to our body.
4. Skipping is an exercise to keep our body healthy.
5. We move with the help of legs.

B. Tick the correct option.

1. Stomach is an internal organ.
2. Our body has more than 600 muscles.
3. Swimming keeps us healthy.
4. An adult has 206 bones.
5. Muscles pull the joint.

C. State True or False.

- | | |
|------------------------------------|---|
| 1. We should sleep to be strong. | F |
| 2. Calcium makes our bones strong. | T |
| 3. Regular exercise makes strong. | T |
| 4. Skin covers our body. | T |
| 5. Skeleton helps us to walk. | T |

D. Answer the following questions.

1. What are external organs?

Ans: Body parts that can be seen from outside like eyes, nose, legs etc are external organs.

2. What is a joint?

Ans: Joint is the place where two or more bones meets.

3. We should include meat or milk products in our diet. Why?

Ans: We should include meat or milk products in our diet because it helps growth of muscles.

4. What is posture?

Ans: The way we sit, walk, stand or sleep is called posture.

5. Give an example of a food item rich in protein.

Ans: Meat is rich in protein.

E. Look at the picture below. State which boy is doing the correct thing and why?

Ans: A boy who is playing with foot ball in the play ground is doing the correct things because through playing he is doing exercise which keeps over body strong.

Chapter – 2

A. Fill in the blanks by choosing the correct option.

1. Fruits contain seeds inside them.
2. Roots grows above the ground.
3. We eat the fleshy part of the plant.

- The leaf is the green part of the plant.
- The colourful part of the plants is flower

B. Give one word answer.

- | | |
|--|-----------------------|
| 1. The part of plant below the soil. | <u>Roots</u> |
| 2. The kitchen of the plant. | <u>Leaf</u> |
| 3. The fleshy part of a plant. | <u>Fruit</u> |
| 4. The flat green part of a plant. | <u>Leaf</u> |
| 5. The process by which plant make food. | <u>Photosynthesis</u> |

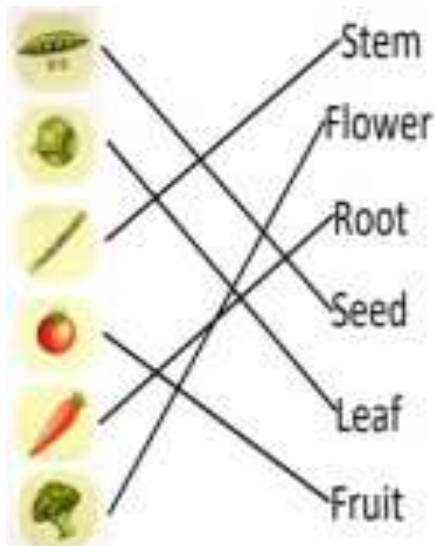
C. State true or false.

- | | |
|---|---|
| 1. Plants have a life cycle. | T |
| 2. The fleshy part has seeds inside. | T |
| 3. Water is not necessary to make food by the plants. | F |
| 4. Plants have no life cycles. | F |
| 5. Roots prepare food for the plant. | F |

D. Answer the following questions.

- What do we get from plants?
Ans: Plants give us food and oxygen.
- What is a flower?
Ans: The colourful structure attached to a stem is the flower.
- Name the different parts of a plant.
Ans: Flower leaf, Fruit, Roots are the different parts of a flower.
- What is life cycle of a plant?
- Ans: A plant grows from as seed. It grows sometime give flowers and Forms fruits and seeds. These seed then falls on the ground and give rise to new plants. This is the life cycle of a plant.

E. Match the food with the part of the plant it comes from.



Chapter – 3

A. Fill in the blanks.

1. Spice add flavour and aroma to our food.
2. Tea and coffee are examples of beverage.
3. Plants such as mustard, olive, groundnut and coconut give us oil.
4. Kidney beans, chick peas and green grams are examples of pulses.
5. Cabbage is a vegetable which is leaf of the plant.

B. State True or False.

1. Plants provide us with energy T
2. Spices add flavor to food T
3. Seeds of plants are crushed to make sugar. F
4. Ginger is a fruit. T
5. Tea obtained from seeds. F

C. Circle the plants that gives us food.



D. Answer the following questions.

1. Why are plants called producers?

Ans: Plants are called producers because they prepare their own food.

2. What are dry fruits?

Ans: Dried fruit or seeds of plants are called dry fruits. Example, Walnut, Cashew and almonds.

3. Why do we use spices in food?

Ans: Spices add taste, flavour, and colour to our food.

4. Name any two products useful for humans in daily life that are obtained from plants.

Ans: Wheat and Rice.

E. Choose the correct option.

1. Coffee is obtained from coffee beans.
2. Which of these vegetables can be eaten raw?
a. Cucumber b. Spinach c. Brinjal d. None of these
3. Turmeric is a spine.

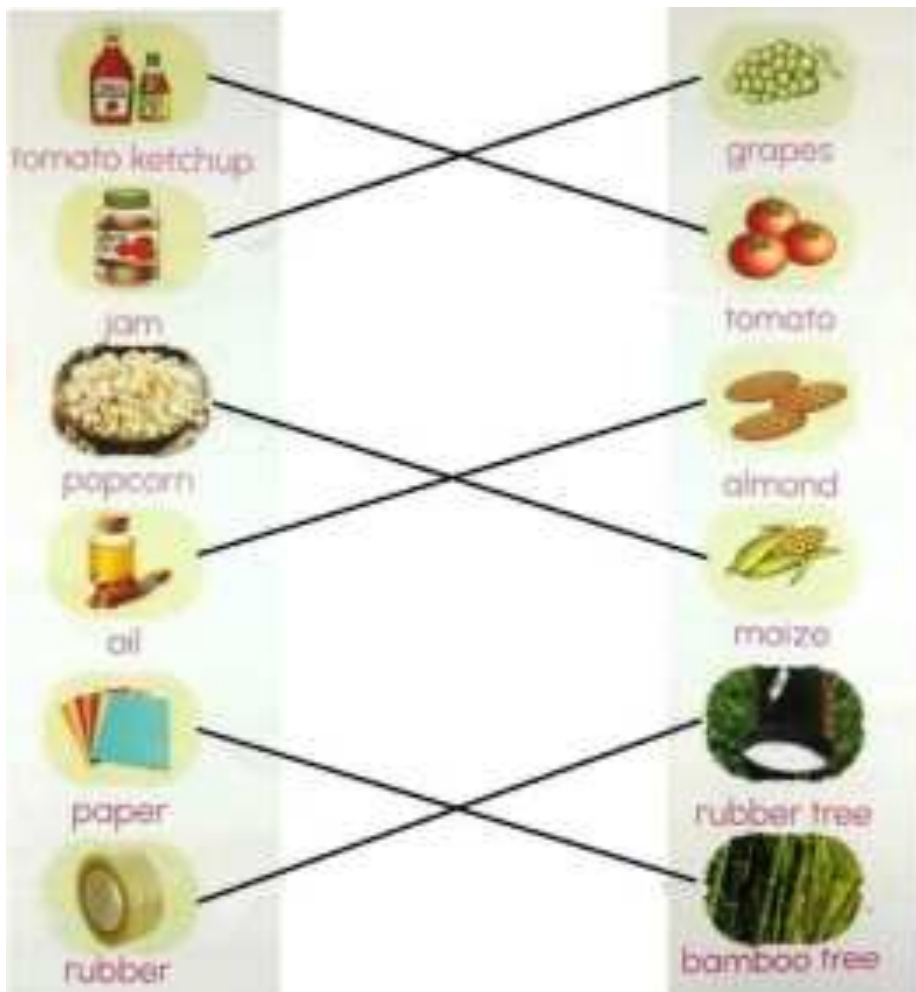
4. Walnut is a spice.

- a. True b. False

5. We get jute from

- a. Silk worm b. Sheep c. Plant d. None of these

F. Match the manufactured items with the plants from where it is obtained.



Chapter – 4

A. Fill in the blanks.

1. Dogs are human's best friend.
2. We get wool from sheep.
3. Animals who live in our homes are called pet animal
4. Duck gives us eggs.
5. Buffalo is a farm animal.

B. State True or False.

1. Birds give us wool F
2. Cow carries load. T
3. Bird lives in den. F
4. Dog is a pet animal. T
5. Buffalo is a domestic animal. T

C. Choose the correct option.

1. We get eggs from hen,
2. Milk is a farm product.
3. Donkey is a domestic.
4. Fish are kept in aquarium.

D. Answer the following questions.

1. What are the domestic animals?

Ans: Animals that we keep in our homes are called domestic animal.

2. What are pet animals? Give an example.

Ans: Domestic animal which live in our home called pet animals. Example cat.

3. Name a farm animal and state the useful product it gives us.

Ans: Oxen is a farm animal, they help us to plough the field to grow the fruits, vegetable.

4. How do you take care of your pet animal?

Ans: We must take care of our pets by feeding and keeping them clean.

Chapter – 5

A. Fill in the blanks.

1. The lion is a wild animal.
2. A crocodile lives both on land and in water.
3. Animals such as vulture eat the flesh of dead animals.
4. Bear is an omnivore.
5. Rabbits live in a burrow.

B. Give two examples of each.

1. Animals that eat plants Giraffe, Deer.
2. Animals that eat flesh of other animals Tiger, Crocodile.
3. Animals that eat dead animals Vulture, Jackals.
4. Omnivores human, Bear.
5. Wild animals Lion, Tiger.

C. Choose the correct option.

1. Which of the following is true for a wild animal?
 - a. Wild animals depend on human for food and shelter.
 - b. Wild animals are not dangerous.
 - c. Wild animals live independently in the forest.
 - d. Wild animals cannot live without humans.
2. Find the incorrect match.
 - a. Giraffe ---- herbivores
 - b. Tiger ---- omnivores
 - c. Cow ---- herbivores
 - d. Leopard ---- carnivores
3. Herbivores animals eat plants.
4. Which of the following is wild as well as carnivorous animal?
 - a. Goat
 - b. Leopard
 - c. crow
 - d. horse
5. Bee lives in a hive.

D. Answer the following questions.

1. What is a habitat?

Ans: The living place of animal is called it's habitat.

2. What are animals living in the jungle called? Give an example.

Ans: Animal living in the jungle are called wild animals. Example – Lion

3. A vulture feeds on dead animals. What type of animal is it? Define it.

Ans: Vulture is a type of scavengers. Scavengers are animals that feed on dead animals.

4. A giraffe feeds on plants. Is it a herbivore or carnivores?

Giraffe is herbivore.

5. Name the animals shown below.



a. Zebra



b. Monkey

Where do they live?

a. Zebra live under the shade of trees of the jungle.

b. Monkey lives on under the trees.

E. Identify and write the answer.



1. Name the animal

Giraffe

2. It plants or flesh?

It eats plants

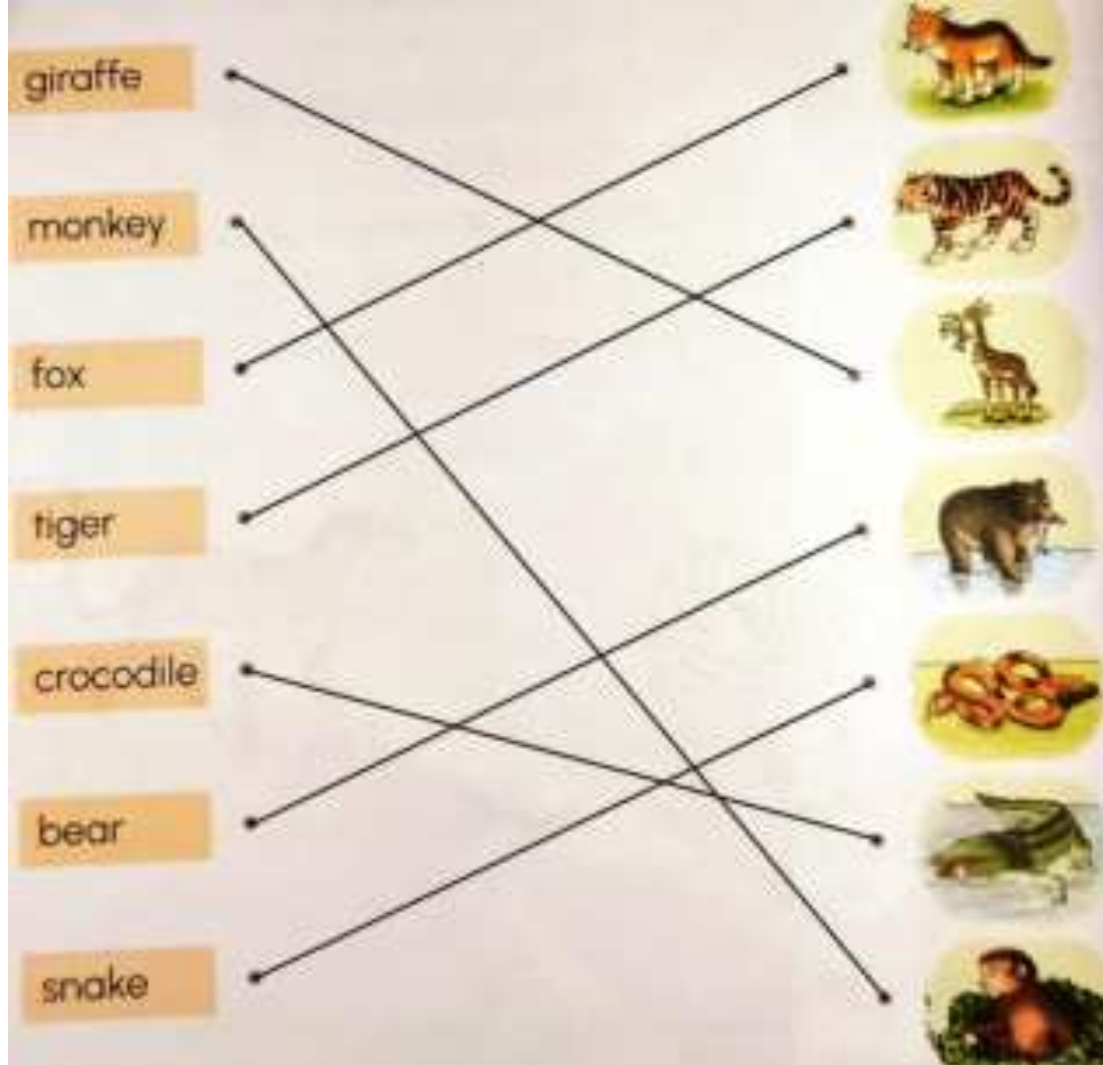
3. Is it domestic or wild animal?

Wild animals

4. Where do you see this animal?

In jungle

F. Match the column.



Chapter – 6

A. Fill in the blanks.

1. We need food to live and grow.
2. Body building food makes our bones and muscles strong.
3. Most of us eat three meals a day.
4. We should not eat unhealthy food.
5. We eat breakfast in the morning.

B. Choose the correct answer.

1. Banana is a fruit.
2. We need food to get energy.
3. Which of these is the first meal of the day?

a. Lunch	b. Dinner	c. <u>breakfast</u>	d. Snack
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4. Protective food help to protect us from disease.
5. Which one is an example of body building food?

a. <u>Milk</u>	b. Dry fruits	c. Fruit	All of these
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C. State True or False.

1. We should never skip breakfast. T
2. Milk gives us energy. T
3. Chew your food fast while eating. F

4. Dinner is the first meal of the day. F
 5. Wash your hands properly before eating. T

D. Give two examples of.

- | | | |
|--------------------------|-------|--------------------------------|
| 1. Body building food | ----- | <u>Milk, Eggs, Meat</u> |
| 2. Energy giving food | ----- | <u>Wheat, Rice, Potato</u> |
| 3. Junk food | ----- | <u>Pizza, Burger, Sandwich</u> |
| 4. Protective food | ----- | <u>Fruit and Vegetable</u> |
| 5. Food eaten as a snack | ----- | <u>Nuts and Sprout</u> |

E. Answer the following questions.

- What is a nutrient?
 Ans: The useful substance presents in a food is called nutrients.
- How do body building food help us?
 Ans: Building food helps our body to grow.
- When do we have our lunch?
 Ans: We have our lunch in the afdternoon.
- Write any three healthy eating habits?
 - Wash our hands
 - Eat in clean utensil
 - Rinse our month after eating.

F. Find out the food items in the word search.

i	o	E	g	g	r	q
m	i	L	k	k	a	d
a	q	B	j	c	c	f
n	l	R	k	h	f	i
g	f	E	s	e	j	s
o	z	A	a	e	i	h
p	o	D	a	s	p	k
p	o	Z	m	e	l	m

G. Circle the healthy food items.



Chapter – 7

A. Fill in the blanks.

1. House protects us from sun, rain, and wind.
2. Hilly regions have slanting roof.
3. We wear cotton clothes in summer.
4. We get silk from silkworm.
5. A house on wheels is called a caravan.

B. State True or False.

- | | |
|---------------------------------------|---|
| 1. Clothes protect us from dust. | F |
| 2. We get wool from silkworm. | F |
| 3. Silk is a man – made fibre. | F |
| 4. We wear woolen clothes in summer. | F |
| 5. A house boat is a permanent house. | F |

C. Choose the correct options.

1. When we got out in the rain, we should wear raincoat.

2. An igloo is made of snow.
3. Identify this house made of wood.
 - a. Caravan
 - b. Tent
 - c. Houseboat
 - d. Hut
4. Which of the following is not obtained from animals?
 - a. Silk
 - b. Leather
 - c. Cotton
 - d. Wool
5. Which of the following is used for holiday camping?
 - a. Hut
 - b. tent
 - c. Houseboat
 - d. Igloo

D. Give two example of each.

1. Why do we need a house?
Ans: We need house to live, feel safe.
2. What is a kutchha house? Give an example.
Ans: These houses made of mud, straw, bamboo, hut, tent.
3. How will you keep your house clean?
Ans: Sweep and mop the floor, throw all waste into dustbin.

E. Identify the house given below. Also state where will you find these houses.



Snow places



Village



Towns

Chapter – 8

A. Fill in the blanks.

1. Air gets germs from sick person.
2. We can get fresh air in the park.
3. We should plant more tree.
4. Air contains many germ.
5. All living things need air to breathe.

B. State True or False.

- | | |
|---|---|
| 1. We can feel air when it moves. | T |
| 2. Smoke comes from factories and vehicles. | T |
| 3. Germs cannot make us sick. | F |
| 4. We breathe in oxygen from air. | T |
| 5. Plants make the air dirty. | F |

C. Choose the correct options.

1. Dust and smoke make the air dirty
2. Plants make the air pure.
3. Strong winds is called storm.
4. Air contains all of these.

D. Answer the following questions.

1. Where can we get fresh air?

Ans: We get fresh air in the park and garden.

2. What does air contain?

Ans: Air contains many gasses, water, vapour, smoke, germs and dust.

3. Why do we need air?

Ans: We need air to live and to breathe.

4. What is storm?

Ans: Strong winds are called storms.

5. How do germs spread through air?

Ans: When a sick person sneezes or cough, germ from his body go into the air.

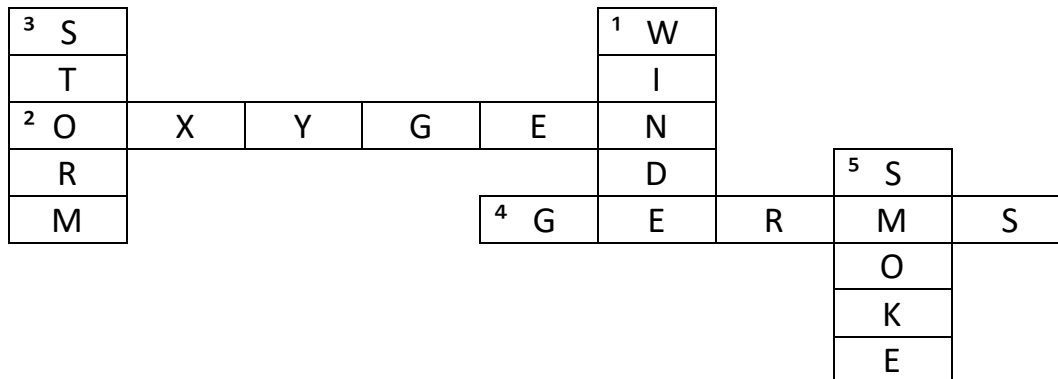
E. Solve the crossword puzzle.

Down

1.Moving air.

3. Very fast moving air.

5.This makes the air dirty



Across

2.We breathe this in.

4. This makes us sick.

F. Observe the picture given below and answers the following questions.



1. What is coming out of the car?
Ans: Smoke is coming out of the car.
2. Do you think it is good for air around us?
Ans: No.
3. How will the boys get affected?
Ans: The boys will breathe in dirty air.

Chapter – 9

G. Fill in the blanks.

1. Dirty water contain germs.
2. The water from rain is called rainwater.
3. Close the tap while brushing your teeth.
4. On heating, water changes into vapour.
5. Rain is the main source of water.

B. Tick the correct option.

1. Drinking dirty water can make us ill.
2. In which of these do you use to store water?
 a. Drum b. Bucket c. Both a and b d. None of these
3. How can one kill the germs in drinking water?
 a. By boiling it b. By wasting it c. By storing it d. All of these
4. We need water to make lemonade.
5. In the atmosphere water vapour forms cloud.

C. Give two example of the following.

1. Uses of water - For coking Drinking
2. Sources of water - Rain River

D. Unscramble the names of the sources of water.

1. AIRN ----- Rain
2. LLWE ----- Well
3. IVERR ----- River

- | | | |
|-------------|-------|------------------|
| 4. LTBULEEW | ----- | <u>Tube well</u> |
| 5. EALK | ----- | <u>Lake</u> |
| 6. MADS | ----- | <u>Dams</u> |
| 7. ODNP | ----- | <u>Pond</u> |

E. Answer the following questions.

- Name any three sources of water.
Ans: Rain, River, Pond
- What are the three forms of water?
Ans: Ice, water, steam, are the three forms of water.
- Give 2 important uses of water.
Ans: Cooking and drinking.
- What happens when the sun heats up water bodies?
Ans: When Sun heats up water bodies, the water is changes into water vapour and rises up to form clouds.
- How are clouds formed?
Ans: When Sun heats up water bodies, the water is changes into water vapour and rises up high atmosphere to form clouds.

F. Write the state of water for these picture.



Waater vapour



Ice



Watwer



Water vapour or ssteam

G. Mention two ways by which we can save water at home.

- Turn off taps as soon as your use of water is over.
- Do not use shower to take bath, use a bucket or mug.

Fill in the blanks.

It is a Sunny day.

It is a Rainy day.

It is a cloudy day.

It is a windy day.

It is a Stormy day.

A. State True or False.

1. A breeze is a gentle wind. T
2. Sunshine does not affect weather. F
3. Wind blows from any direction. T
4. Dark cloud brings rain. T
5. Clouds are formed from snow. F

B. Choose the correct options.

1. Wind can be all of these.
2. When clouds becomes heavy with water droplets we get rain.
3. Sunshine affects weather during the day.
4. If the sky covered with clouds. It is cloudy day.
5. Afternoon is usually the hottest part of the day.

C. Answer the following questions.

1. What is weather?

Ans: The day to day condition of the atmosphere at a place is called the weather.

2. What happens if we have dark clouds in the sky?

Ans: If there are dark clouds, it leads to a rainy day.

3. Name the factor which affect weather.

Ans: Temperature, Rain and Snow, Wind, Cloud, Sunshine are factors that affect weather.

4. What is temperature?

Ans: It tells us how hot or add place is.

5. How does sunshine affect weather?

Ans: In mid day, Sun becomes stronger and the day becomes warmer or hot.

D. The table below shows a weather forecast. Use the forecast to answer the questions.

1. What kind of weather will be on Thursday?
2. Will you go to play in the park on Thursday?
3. What kind of dress will you were on Tuesday?
4. What kind of weather will be on Sunday?

Chapter – 11

A. Fill in the blanks.

1. The Sun is the natural source of light.
2. Light travels in a straight line.
3. Shadows are formed when light is stopped by an object.
4. When we move away from light, our shadow becomes short.
5. Sun is a star, which can be seen during the daytime.

B. State true or false.

1. A shadow can be formed anywhere. F
2. We need light to see objects. T
3. Sun is a big star. T
4. Shadow is longest at noon. F
5. Sun is a star. T

C. Choose the correct options.

1. The sun gives us light.
2. Our shadow is short at noon.
3. We can see a shadow on a cloudy day.
a. Yes b. No
4. We can produce electricity from sunlight.
5. Sun changes its position from morning to evening.
a. Yes b. No

D. Answer the following questions.

1. How is a shadow formed?

Ans: Shadow is a dark patch when a object block light.

2. Why do plants need sunlight?

Ans: Plants need sunlight to make food.

3. A human being depends on sun for its existence. Why?

Ans: Because we got energy, light and heat.

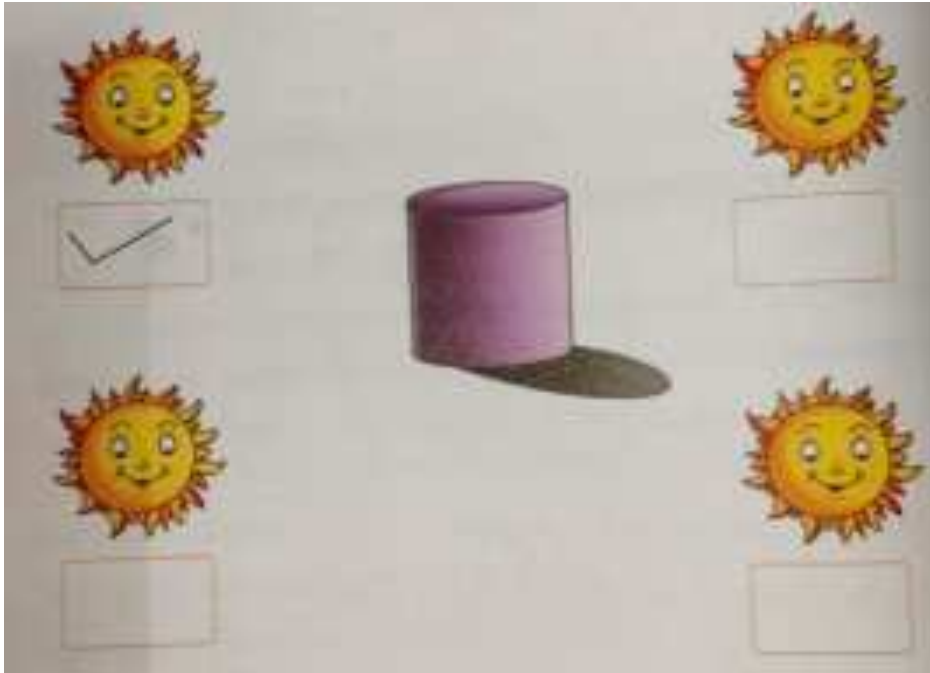
4. Is your shadow long in the evening or at noon? Why?

Ans: My shadow is long in the evening because when the object is closer to light.

5. State two uses of Sun.

- Human beings and animals depend on plants for food which is prepared by sunlight.
- Heat of the sun dries up our wet clothes faster.

E. Choose the correct position of the sun based on where the shadow is formed.



Chapter – 12

A. Fill in the blanks.

- The Taj Mahal in Agra is made of marble.
- Diamond is used to cut glass.
- Graphite is used in leads of pencils.
- Feldspar is used to make shower basins.
- Talc is the softest mineral.

B. Tick the correct answer.

- The Red Fort is made up of sandstone.
- The Taj Mahal is made of marble.
- Chalk is made up of limestone.
- Which is the hardest mineral?
a. Mica b. Diamond c. Slate d. None of these.
- A soft rock mainly grey or black in colour.
a. Talc b. Slate c. Diamond d. coal

C. Match the following.

- | Column A | Column B |
|------------------------|---|
| 1. Rocks | a. is used to make statues |
| 2. Granite | b. soft rock |
| 3. Chalk contains | c. quartz |
| 4. Watches are made by | d. are of different colours, sizes and shapes |

D. Answer the following questions.

1. What is Earth made up of?

Ans: The earth is made up of different kind of rocks.

2. What are the different kinds of rocks?

Ans: Marble Granite, sand stone, white coal, slate

3. How are stone formed?

Ans: Rocks break into smaller pieces called stones.

4. Are minerals useful? Give two example of minerals and state their uses.

Ans: Yes, Quartz us used clock. Graphite is used as the lead of a pencil.

E. Write the names of the rocks used in the following.



