

STUDY MATERIAL

1. PLANT KINGDOM

I. New words:

- | | | | |
|----------|-------------|------------|-------------|
| 1. Trees | 4. Herb | 7. Leaves | 10. Flowers |
| 2. Trunk | 5. Climbers | 8. Peepal | 11. Thorn |
| 3. Shrub | 6. Creepers | 9. Coconut | |

II. Choose the correct answer:

1. _____ is a small bushy plant.
a) **Hibiscus** b) Mint c) Tulsi
- 2) Mint is a _____.
a) Shrub b) **Herb** c) Tree
- 3) Pea plant is a _____.
a) Creeper b) Herb c) **Climber**
- 4) Herb's stem is _____ and thin.
a) **Soft** b) Hard c) Rough
- 5) _____ prepares food for plant.
a) Stem b) **Leaf** c) Flower
- 6) _____ become fruits.
a) Leaves b) Roots c) **Flowers**
7. Tall and strong plants are called _____.
a) Creepers b) Climbers c) **Trees**
8. The jasmine is a _____.
a) **Shrub** b) Climber c) Tree
9. Soft stems are found in _____.
a) Trees b) **Herbs** c) Shrubs
10. A _____ plant has thorns.
a) Apple b) pumpkin c) **rose**

II. Fill in the blanks:

1. A shrub has a hard and thin stem.
2. Shrubs live for many years.
3. Most leaves are green in colour.
4. Climbers have weak stems.
5. Creepers grow along the ground.
6. Thorns protect plants from their enemies.
7. Climbers do not stand on their own.
8. Banana leaves are big in size.
9. Plants need sunlight and water to grow.
10. Fruits contains seeds.

III. Match the following:

- | | | | |
|------------|---|---------------|-----|
| 1. Tree | - | a) Tomato | (d) |
| 2. Climber | - | b) Rose | (e) |
| 3. Shrub | - | c) Watermelon | (b) |
| 4. Herb | - | d) Peepal | (a) |
| 5. Creeper | - | e) Grape | (c) |

IV. Write True or False:

- | | |
|-----------------------------------|-------|
| 1. Plants are living things. | True |
| 2. Grass is a small plant. | True |
| 3. Plants do not have root. | False |
| 4. Mango trees are herbs. | False |
| 5. Climbers need support to grow. | True |
| 6. Water plants regularly. | True |

V. Answer in one word:

1. Which plants grow along the ground? **Creeper**
2. Who makes food for plants? **Leaves**
3. Which part contains seeds in a plant? **Fruits**
4. Which kind of the plants live only for a few months? **Herbs**
5. Which plant's leaf use to eat food? **Banana**

VI. Answer the following:

1. What are creepers?

Pumpkin, Watermelon and Bottle gourd are creepers.

2. What is the tree?

Tall and strong plants are called trees.

3. Name some shrubs you can see around your house.

Rose, Jasmine, Hibiscus, Cotton and Lemon.

4. What is the trunk?

A tree has a broad and strong stem is called the trunk.

5. Why are leaves important for a plant?

Leaves prepare food for plants so they are important for a plant.

6. What is the use of thorns in a plant?

Thorns protect plants from their enemies.

7. Name some herbs you can see around your house.

Rice, Mint, Coriander and Basil (Tulsi)

2. HOW OUR BODY WORKS

I. New words:

1. External

5. Brain

9. Muscles

2. Internal

6. Heart

10. Thumb

3. Fore head

7. Lungs

11. Elbow

4. Stomach

8. Bones

12. Blood

II. Choose the correct answer:

1. Our _____ helps to see the colour of apple.

a) Eyes

b) Nose

c) Ears

2. Our _____ helps to taste food.

a) Eyes

b) Nose

c) Tongue

3. The _____ is inside our head.

a) Liver

b) Brain

c) Lungs

4. Which part of our body doesn't have bones?

a) Neck

b) Leg

c) Tongue

6. We have _____ types of organ.

a) One

b) Two

c) Three

7. _____ supplies blood to all the part of our body.

- a) **Heart** b) Lungs c) Brain

8. Nose is an _____ organ.

- a) Internal **b) External** c) Internal and external

9. Which is not an internal organ?

- a) **Nose** b) Brain c) Heart

10. We have _____ lungs.

- a) One b) Two c) Three

II. Fill in the blanks:

1. We have **nose** to smell the flowers.
2. **Organs** are parts of our body.
3. **Leg** is an external organ.
4. **Brain** is used to think.
5. Our lungs help us to **breathe**.
6. Our body is made of **bones and muscles**.
7. Mouth is an **external** organ.

III. Match the following:

- | | | | |
|------------|---|--------------------|-----|
| 1. Leg | - | (a) Food digestion | (e) |
| 2. Heart | - | (b) Breathe | (d) |
| 3. Stomach | - | (c) Drawing | (a) |
| 4. Hand | - | (d) Supplies blood | (c) |
| 5. Lungs | - | (e) Walk | (b) |

IV. Write True or False:

- | | |
|---|--------------|
| 1. After we swallow our food, it goes into our lungs. | False |
| 2. Bones and muscles work together to make us move. | True |
| 3. Our brain controls all the organs of the body. | True |
| 4. Internal organs are present outside of our body. | False |
| 5. Our heart is on left side of chest. | True |

IV. Answer in one word:

1. How many fingers do we have? **Ten**
2. How many types of organs in our body? **Two**
3. Which organ helps to breathe? **Lungs**

4. Which is the largest sense organ in our body? **Skin**
5. Which organ helps to hear your favourite song? **Ears**

V. Answer the following:

1. What are the two types of organs in our body?

Internal organs and External organs are the two type of organs in our body.

2. How our body is made of?

Our body is made of bones and muscles.

3. Write the function of our brain.

Our brain helps us to think, learn and remember.

4. How are bones and muscles useful for us?

Our bones and muscles work together to make us to move, play and run.

5. Name some internal organs.

Brain, heart, lungs, stomach and muscles are some internal organs.

6. What are external organs? Give example.

The organs which are present outside of our body are called external organs. Eg: Head, nose and mouth.

3. CHANGES AROUND US

I. New words:

- | | | |
|---------------|---------------|--------------|
| 1. Natural | 7. Size | 13. Crescent |
| 2. Human made | 8. State | 14. Summer |
| 3. Weather | 9. Solid | 15. Winter |
| 4. Seasons | 10. Liquid | 16. Rainy |
| 5. Growth | 11. Gas | 17. Monsoon |
| 6. Shape | 12. Full moon | 18. Spring |

II. Choose the correct answer:

- 1) We love to drink lemonade in _____ season.
a) Winter **b) Summer** c) Rainy
- 2) In rainy days, people like to drink _____.
a) Soups b) Ice cream c) Juice

- 3) _____ have a fixed shape and size.
a) Liquid **b) Solid** c) Gas
4. Changes occur naturally are _____ changes.
a) Natural b) Human Made c) Artificial
5. Every night, the shape and _____ of moon change.
a) Colour b) Texture **c) Size**
6. _____ take the shape of the vessel in which they are.
a) Solid **b) Liquid** c) Gas
7. Fresh fruits and juice are popular in _____ season.
a) Spring b) Rainy c) Winter
8. An egg hatches into a _____.
a) Nestling b) Bird c) Seedling
9. Which of the following is not the name of a season?
a) Summer **b) Cloudy** c) Winter
10. Cutting wooden block is a _____ change.
a) Natural **b) Human made** c) Chemical

II. Fill in the blanks:

1. Phase of the moon is a natural change.
2. A big plant is grow from the seed.
3. Watermelon is a summer fruit.
4. Blowing balloon is a human made change.
5. Ice changes into water on heating.
6. Liquids do not have a fixed shape and size.
7. Solids have fixed shape and size.

III. Match the following:

- | | | | |
|-----------|---|------------|-----|
| 1. Solid | - | (a) Milk | (b) |
| 2. Liquid | - | (b) Book | (a) |
| 3. Gas | - | (c) Summer | (e) |
| 4. Hot | - | (d) winter | (c) |
| 5. Cold | - | (e) Air | (d) |

IV. Write True or False:

1. Every night, the shape and size of the moon change.
2. Weather does not keep changing every day.

True
False

3. In summer we love to eat watermelon.
4. People like to eat ice creams on rainy days.
5. Stone is a liquid.

True
False
False

V. Answer in one word:

1. What is the main season when the weather is very hot? **Summer**
2. Which season is usually cold? **Winter**
3. Which season brings a lot of rain? **Monsoon**
4. What is a moon that looks like half a circle called? **Half-moon**
5. What hatches from an egg? **Nestling**
6. What does a seed grow into first? **Seedling**
7. What does a seedling grow into? **Plant**
8. What is the solid state of water called? **Ice**
9. What is the liquid state of ice called? **Water**

VI. Answer the following:

1. How does a bird grow?

An egg hatches into a nestling, which grows into a bird.

2. What are solids? Give two examples.

Objects that have a fixed shape and size are called solids.

Examples: stone and book.

3. What are liquids? Give two examples.

Liquids do not have a fixed shape. They take the shape of the vessel in which they are kept. Examples: Milk and water.

4. What happens when ice is kept outside the refrigerator?

Ice melts and changes into water.

5. How can the shape of an object be changed?

The shape of an object can be changed by applying force. For example, blowing air into a balloon changes its shape.

4. USEFUL ANIMALS

I. New words:

- | | | |
|--------------|------------|----------------|
| 1. Cow | 6. Prawns | 11. Silkworm |
| 2. Boat | 7. Fibres | 12. Honey bees |
| 3. Buffaloes | 8. Wool | 13. Camel |
| 4. Hen | 9. Leather | 14. Shelter |
| 5. Duck | 10. Oxen | |

II. Choose the correct answer:

1. _____ is a milk product.
a) Meat b) Fish **c) Curd**
2. _____ fibre is used to make woollen clothes.
a) Wool b) Silk c) Cotton
3. _____ helps to plough our fields.
a) Cat **b) Oxen** c) Dog
4. _____ guard our house.
a) Rat b) Cow **c) Dog**
5. _____ gives honey.
a) Fly b) Spider **c) Honeybee**
6. Cat keeps _____ away.
a) Cow **b) Mice** c) Dog
7. We get _____ from hens.
a) Milk b) Leather **c) Eggs**
8. We get _____ from sheep.
a) Eggs **b) Wool** c) Fuel

II. Fill in the blanks:

1. We get **leather** from the skin of animals.
2. We get hone from **honey bees**.
3. Cow dung cakes are used as **fuel** in villages.
4. Cat is a **pet** animal.
5. **Donkey** carry loads.

III. Match the following:

- | | | |
|-------------|-----------------------|-----|
| 1. Sheep | a. Guards our home | (b) |
| 2. Silkworm | b. Gives us wool | (c) |
| 3. Dog | c. Gives us silk | (a) |
| 4. Honeybee | d. Ploughs our fields | (e) |
| 5. Oxen | e. gives us honey | (d) |

IV. Write True or False:

- | | |
|--------------------------------------|--------------|
| 1. Sheep give us wool. | True |
| 2. Silkworms give us silk fibres. | True |
| 3. Dogs keep mice away. | False |
| 4. Cats keep mice away. | True |
| 5. Honeybees give us honey. | True |
| 6. We use wool to make silk clothes. | False |

V. Answer in one word:

1. Which insect gives us silk? **Silkworm**
2. Which insect gives us honey? **Honeybee**
3. Which animal guards our home? **Dog**
4. What do we get from cows? **Milk**
5. Which is used as a fuel in villages? **Cow dung**

VI. Answer the following:

1. What is leather?

Leather is a material made from the skin of dead animals.

2. Name any four things made from leather.

Bags, shoes, belts and purses are made from leather.

3. How do animals help farmers?

Oxen plough our fields. Cow dung is used as manure in fields.

4. How do animals help us carry loads?

Elephants, camels, horses and donkeys help us to carry loads.

5. How do dogs and cats help us?

Dogs guard our homes. Cats keep mice away.

6. How is honey useful to us?

Honey is sweet and used as food. It is also used as a medicine for cough and cold.

7. How should we take care of animals?

We should give good food, clean water and safe shelter to animals. We should take sick animals to a veterinarian.

5. AIR AND WATER

I. New words:

- | | | |
|--------------|--------------|-------------|
| 1. Breathe | 5. Sneeze | 9. Bicycles |
| 2. Fresh air | 6. Cough | 10. Impure |
| 3. Aeroplane | 7. Germs | 11. Smoke |
| 4. Furniture | 8. Factories | |

II. Choose the correct answer:

- All living things need ____ to breathe.
a) **Air** b) Sun light c) Water
- Drinking ____ water makes us sick.
a) Pure b) **Dirty** c) Hot
- We must ____ water.
a) **Save** b) Pour c) Waste
- _____ is the main source of water on Earth.
a) River b) Well c) **Rain**
- Water in the soil is called _____ water.
a) **Underground** b) Purified c) Fresh
- _____ water kills germs.
a) Cold b) **Boiling** c) Warm
- We must ____ water.
a) Waste b) Spoil c) **Save**

II. Fill in the blanks:

- We must breathe in **fresh** air.
- Air helps us hear **sound**.

3. **Rain** is the main source of water.
4. We cannot live without **water**.
5. All living things need **air** to breathe.
6. **Plants** make the air clean and fresh.
7. Smoke makes the air **impure**.
8. We should use a **handkerchief** when we cough or sneeze.

III. Match the following:

- | | | | |
|------------------|---|-------------------------|-----|
| 1. Plants | - | a. Kills germs | (b) |
| 2. Boiling water | - | b. Makes air clean | (a) |
| 3. Rain | - | c. clean water | (d) |
| 4. Aeroplane | - | d. Main source of water | (e) |
| 5. Water filter | - | e. Flies in the air | (c) |

IV. Write True or False:

- | | |
|---|--------------|
| 1. All living things need air to breathe. | True |
| 2. We can see and touch air. | False |
| 3. Plants help to keep the air clean. | True |
| 4. Smoke from factories makes the air impure. | True |
| 5. Birds and aeroplanes fly in the air. | True |
| 6. Water is not important for living things. | False |
| 7. Rain is the main source of water on Earth. | True |
| 8. Boiling water kills germs. | True |
| 9. A water filter helps to clean water. | True |

V. Answer in one word:

1. What do we breathe? **Air**
2. What makes the air clean and fresh? **Plants**
3. What rises and mixes with air when we sweep? **Dust**
4. What enters the air when a sick person coughs? **Germs**
5. What is a small body of still water called? **Pond**
6. What do we use to draw underground water manually? **Hand-pump**
7. What appliance cleans water? **Filter**
8. What should we collect during rainfall? **Rainwater**

VI. Answer the following:

1. What is the use of air?

Air helps us hear sounds.

Birds and aeroplanes fly in the air.

2. Why is water important?

Water is needed for drinking, cooking, bathing and washing.

3. What are the main sources of water?

Rain, rivers, lakes, ponds and streams are the main source of water.

4. What is underground water?

Some rainwater goes into the soil. This water is called underground water.

5. How can we make water clean?

We can boil water or use a water filter to clean it.

6. How can we save water?

We should collect rainwater and use it for washing, cleaning and watering plants. We should not waste water.