

Plants Around Us

I. Answer the following questions :

- Ans.**
- We get fruits and vegetables from plants. We get foodgrains and pulses from plants.
 - Mango, banana, apple, peach and pear.
 - Tomato, brinjal, carrot, radish and potato.
 - Mango tree, teak, babul, banyan and neem.
 - Tulsi, neem, mint, coriander and eucalyptus.
 - Plants are of many types such as :
 - Very small plants (herbs) : coriander, mint
 - Small plants (shrubs) : rose, brinjal
 - big plants (trees) : neem, mango
 - climbers : money plant, grapes
 - creepers : watermelon

II. Fill in the blanks with the correct word given alongside:

- Ans.**
- We get many useful things from **plants**.
 - Very small plants are called **herbs**.
 - Very big and strong plants are called **trees**.
 - Climbers** need support of other plants.

III. Write whether the following statements are 'true' or 'false'.

- Ans.**
- All plants are similar in shape and size.
 - A rose plant is a shrub.
 - A banyan tree is a creeper.
 - Climbers need support of other plants.
 - Plants are very useful for us.

False
True
False
True
True

IV. Match the column 'A' with column 'B' :

- | Ans. | Column 'A' | Column 'B' |
|-------------|-------------------|-------------------|
| | 1. Grass | (d) Herb |
| | 2. Rose | (b) Shrub |
| | 3. Mango | (e) Tree |
| | 4. Grapevine | (a) Climber |
| | 5. Pumpkin | (c) Creeper |

V. Complete the following by filling in the missing letter/letters.

- | | | | |
|-------------|-------|------|-------|
| Ans. | GRASS | NEEM | ROSE |
| | TULSI | MINT | MANGO |

Different Parts of a Plant

I. Answer the following questions :

- Ans.**
- The main parts of a plant are—roots, stem, leaves, branches, fruits and seeds.
 - Roots** absorb minerals and water from the soil. They fix the plant in the ground and give support to it.
Stem helps the plant to stand erect. It transports water and minerals and bears branches.
 - Seeds grow under the soil and change into new baby plant.
 - Leaves prepare food for the plant with the help of air, water and sunlight.
 - Seeds produce new baby plants. They also protect new plant.

II. Write whether the following statements are 'true' or 'false' :

- Ans.**
- | | |
|--|--------------|
| 1. A seed protects the baby plant. | True |
| 2. Fruits are changed into flowers. | False |
| 3. The stem keeps the plant stand erect. | True |
| 4. Roots prepare food for the plant. | False |
| 5. Leaves prepare food inside them. | True |

III. Fill in the blanks with the correct word given alongside :

- Ans.**
- Roots** absorbs water and minerals from the soil.
 - Stem** transports minerals and water from the roots to the other parts of the plant.
 - Seeds** produce new baby plant.
 - Leaves** prepares food for the plant.
 - Flowers** are changed into fruits.

IV. Match the following columns :

- | Ans. | Column 'A' | Column 'B' |
|-------------|--|-----------------------|
| | 1. Baby flowers | (c) Buds |
| | 2. Absorb water and minerals from the soil | (a) Root-hairs |
| | 3. Transports water and minerals to the other parts of the plant | (a) Stem |
| | 4. Produces and protect seeds | (e) Fruits |
| | 5. Fix the plant with the soil | (d) Roots |

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Seeds Become Plants

I. Answer the following questions :

- Ans.**
1. Flowers are the most important part of a plant because they change into fruits, which contain seeds.
 2. Mango, peach, litchi, plum, almond.
 3. Air, sunlight, water and soil.
 4. With the help of air, sunlight, water and soil a seedling grows into a young plant and then into an adult plant.
 5. Moong, arhar, urd, razma, gram (chana).

II. Fill in the blanks with the correct word given alongside.

- Ans.**
1. **Foodgrains** are also seeds of plants.
 2. **Seeds** are of different sizes and shapes.
 3. Flowers are changed into **fruits**.
 4. A seed starts to **sprout** under proper conditions.
 5. The **seedling** grow into a young plant.

III. Write whether the following statements are 'true' or 'false'.

- Ans.**
- | | | |
|---|-------------|--------------|
| 1. Seeds are of different sizes and shapes. | | True |
| 2. Foodgrains are also seeds of plants. | True | |
| 3. Most of the fruits have seeds inside them. | | True |
| 4. Seeds need no air to grow. | | False |
| 5. Seed supply food for the baby plant. | True | |
| 6. A mango has only one seed inside it. | True | |
| 7. The seedling grows into a young plant. | True | |

IV. Complete the following by filling in the missing letter/letters :

- Ans.**
- | | | |
|---------|-------|-------|
| APPLE | ADULT | SEED |
| CEREALS | MAIZE | WHEAT |

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Uses of Plants

I. Answer the following questions :

- Ans.**
1. We get fibres from cotton plants.
 2. Mats, ropes and bags.
 3. Leaves.
 4. Beans.
 5. Tulsi, neem, eucalyptus.

II. Fill in the blanks with the correct word given alongside :

- Ans.**
1. Rice, maize, wheat etc. are called **cereals**.
 2. The **jute** plant is used for making mats and ropes.
 3. Sugar is made from the juice of **sugarcane**.
 4. Juice from the stem of acacia gives us **aloevera**.
 5. **Flowers** are used for making perfumes.
 6. Wood is used as **fuel** for burning fire.

III. Complete the cross word puzzle with the help of clues.

Ans.



IV. Tick (✓) the correct option :

- Ans.**
1. We make paper from which tree?
 (a) Muraya (b) Bamboo (c) Papaya (d) Mango
 2. The plant which is used for making medicines is :
 (a) Neem (b) Gram (c) Cotton (d) Jowar
 3. Which of the following are cereals?
 (a) Rose and champa (b) Banana and apple
 (c) Tea leaves and cocoa seeds (d) Wheat and rice
 4. Teak wood is used for :
 (a) burning (b) making houses
 (c) making medicine (d) none of these

V. Match the following columns :

- | | | |
|-------------|-------------------|-------------------|
| Ans. | Column 'A' | Column 'B' |
| 1. | Cashew | (c) nut |
| 2. | Neem | (e) medicine |
| 3. | Jute | (b) bags |
| 4. | Coffee | (a) Coffee plant |
| 5. | Bamboo | (d) paper |

VI. Tell me who am I :

- Ans.**
- | | |
|-------------------------------------|------------------|
| 1. I give you oil for cooking. | groundnut |
| 2. I give you paper for writing. | bamboo |
| 3. I am used in making furniture. | teak |
| 4. I help in making ropes and bags. | jute |
| 5. I make sweet dishes. | sugar |

VII. What is it : fruit, stem, root, leaf or seed?

- Ans.**
- | | | | |
|------------|--------------|--------------|-------------|
| 1. mango | fruit | 2. maize | seed |
| 3. peach | fruit | 4. turnip | root |
| 5. rice | seed | 6. sugarcane | stem |
| 7. cabbage | leaf | 8. potato | stem |
| 9. banana | fruit | | |

VIII. Name one plant each that gives us the following :

- Ans.**
- | | | | |
|----------------|----------------|----------------------|--------------------|
| 1. cooking oil | mustard | 2. fibre for ropes | jute |
| 3. perfume | rose | 4. medicine | neem |
| 5. gum | acacia | 6. fibre for clothes | cotton |
| 7. paper | bamboo | 8. rubber | rubber tree |

Unit – 2 Animal Life

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Animals Around Us

I. Give one word for each of the following :

- Ans.**
- | | |
|---|------------------|
| 1. An animal that crawls. | reptile |
| 2. Animals living in water. | aquatic |
| 3. Animals living in the forests. | wild |
| 4. Animals living in our homes. | domestic |
| 5. An animal which lives both on land and in water. | amphibian |

II. Fill in the blanks with the correct word given alongside.

- Ans.**
- Birds fly in the air with the help of their **wings**.
 - Animals are of different **sizes** and shapes.
 - The cow is a **domestic** animal.
 - Wild animals live in the **forests**.
 - Animals which can live both on land and in water are called **amphibians**.

III. Write whether the following statements are 'true' or 'false'.

- Ans.**
- | | |
|--|--------------|
| 1. Whale is the largest animal in the world. | True |
| 2. Elephant is a small animal. | False |

3. Ox gives us milk.
4. Cat is a wild animal.
5. Tiger is a domestic animal.
6. Insects are small animals.
7. Cockroach is an insect.
8. Some birds cannot fly.

False
False
False
True
True
True

IV. Match the following columns :

Ans. Column 'A'

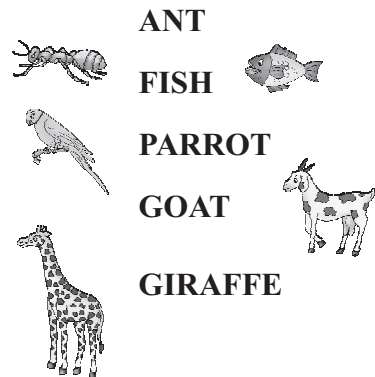
1. Elephant
2. Spider
3. Snake
4. Fish
5. Frog

Column 'B'

- (b) wild animal
- (c) insect
- (e) reptile
- (d) aquatic animal
- (a) amphibian

V. Re-arrange the jumbled words with the help of hints given below :

- Ans.**
1. An NAT is an insect
 2. A ISFH lives in the water.
 3. A RRPATO can fly in the air.
 4. A AGTO is a domestic animal.
 5. A RAGFFIE has a long neck.



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Animal's Life

I. Answer the following questions :

- Ans.**
1. All animals need food to live and grow.
 2. Animals need a home to :
 - live in
 - to be safe from heat, cold, rain and enemies.
 - to keep their family and babies safe.
 3. There are three categories :

Herbivores	—	grass eating
Carnivores	—	meat eating
Omnivores	—	both plants and meat eating.
 4. Animals feed their babies and protect them.

III. Name the following :

- Ans.**
- | | | |
|---|---------------|-----------------|
| 1. Two animals that live on trees. | Monkey | Bird |
| 2. Two animals that live both on land and in water. | Frog | Tortoise |
| 3. Two birds that make nests. | Crow | Sparrow |
| 4. Two animals that give us milk. | Cow | Buffalo |
| 5. Two animals that carry heavy loads. | Horse | Camel |

IV. Match the following columns :

- | | | |
|-------------|-------------------|-------------------|
| Ans. | Column 'A' | Column 'B' |
| 1. | Cow | (c) calf |
| 2. | Duck | (e) duckling |
| 3. | Hen | (a) chicken |
| 4. | Tiger | (b) cub |
| 5. | Cat | (d) kitten |

Unit – 3 Things Around Us

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Living and Non-Living Things

I. Answer the following questions :

- Ans.**
- Two : living and non-living.
 - Living things have life. Living things need food. Living things can move.
 - Living things :** Goat, dog, cat, man, plants.
Non-living things : Wall, phone, bed, pencil, book.
 - We are living things where as aeroplane is a non-living thing.
 - Trees have life in them. They need food to grow, air to breath and water to survive.

II. Fill in the blanks with the correct word given alongside.

- Ans.**
- Non-living things cannot **move** on their own.
 - All living things need **food** to grow.
 - Non-living things have no **life** in them.
 - All living things need **air** to breathe.
 - All living things **reproduce** their own kind.

III. Write whether the following statements are 'true' or 'false':

- | | | |
|-------------|--|--------------|
| Ans. | 1. All the things around us are living things. | False |
| | 2. Plants and trees are living things. | True |

- 3. Non-living things cannot move on their own. True
- 4. Non-living things can reproduce their own kind. False
- 5. Living things need air and water to grow. True

IV. Complete the following by filling in the missing letter/letters :

Ans. Grass Water Plants Air Food Reproduce

The Human Body

I. Fill in the blanks with the correct word given alongside:

- Ans.**
- 1. The lower part of the trunk is called **abdomen**.
 - 2. Each part of human body, is called an **organ**.
 - 3. All human beings have two **arms**.
 - 4. The top most part of our body, is called **head**.
 - 5. The part which connects the head with the trunk is called **neck**.

II. Write whether the following statements are 'true' or 'false':

- Ans.**
- 1. Our ears are sense of hearing. True
 - 2. All organs of human body perform same functions. False
 - 3. The upper part of the trunk, is called the chest. True
 - 4. Human beings have four legs. False
 - 5. We can speak with the help of our tongue. True

III. Match the following columns :

- | Ans. | Column 'A' | Column 'B' |
|-------------|---------------------|-------------------|
| | 1. Sense of hearing | (e) ears |
| | 2. Sense of touch | (a) skin |
| | 3. Sense of taste | (b) tongue |
| | 4. Sense of smell | (c) nose |
| | 5. Sense of vision | (d) eyes |

IV. Write what I am :

- Ans.**
- 1. I am the topmost part of human body. head
 - 2. I can hear the sounds. ear
 - 3. I cover the whole body. skin
 - 4. I connect head with the trunk. neck
 - 5. I am the lower part of the trunk. abdomen

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Health, Growth and Good Habits

I. Answer the following questions :

- Ans.
- To remain healthy and grow well.
 - We should cut our finger-nails short and keep them clean.
 - We should go to bed early at night and get up early in the morning.
 - We should keep our environment clean.
 - We should throw the rubbish into the dustbin.
 - It will keep us healthy.
 - They are good for health and make body strong.
 - We should become fresh by listening some music or by reading some story books etc.

II. Fill in the blanks with the correct word given alongside:

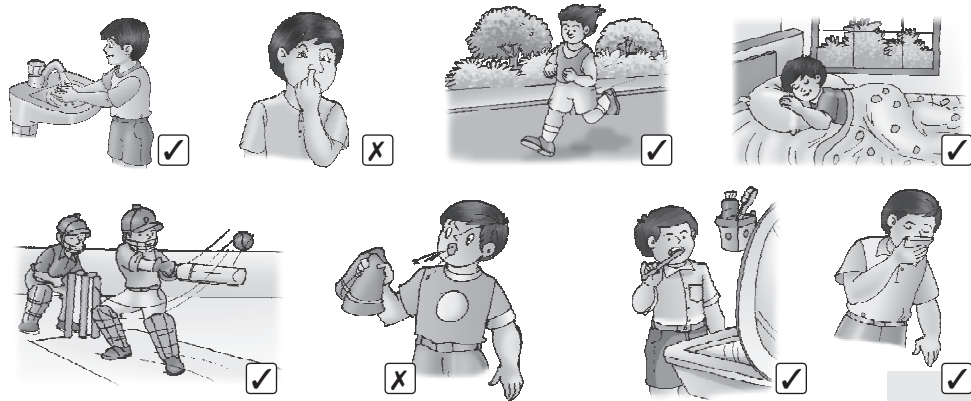
- Ans.
- We should not **uncover** our mouth while sneezing or coughing.
 - We should throw the rubbish into the **dust-bin**.
 - We should get up **early** in the morning.
 - Sleep** gives us sound rest.
 - We feel **tired** after doing a lot of work.

III. Write whether the following statements are 'true' or 'false' :

- Ans.
- | | |
|---|--------------|
| 1. You should play all the time. | False |
| 2. You must eat fresh and good food. | True |
| 3. You should exercise daily. | True |
| 4. You should keep your things at a proper place. | True |
| 5. You need not wash your hands after every meal. | False |

IV. Tick (✓) the pictures showing good habits and cross (x) showing bad habits:

Ans.



V. What I do when?

- | | | |
|-------------|--------------------------------------|--------------|
| Ans. | 1. I get this after doing hard work. | rest |
| | 2. I go to bed. | sleep |
| | 3. I take my meals. | eat |
| | 4. I cough or sneeze. | cover |

Safety and First-Aid

I. Answer the following questions:

- Ans.**
1. Left side.
 2. It may hurt us.
 3. It is a good habit.
 4. It can give us shock.
 5. Cover him tightly with a blanket and call the doctor at once.
 6. The medical aid given to an injured person before the arrival of a doctor, is called first-aid.

II. Fill in the blanks with the correct word given alongside :

- Ans.**
1. Do not **play** games on the road.
 2. You should walk on a **footpath**.
 3. You should be ready to **help** an injured person.
 4. Always be **alert** while doing something.
 5. Stand in a queue when you **wait** for a bus.

III. Write whether the following statements are 'true' or 'false' :

- | | | |
|-------------|---|--------------|
| Ans. | 1. You should always use a rubber tube for swimming. | True |
| | 2. Zebra-crossings are made for the children to play. | False |
| | 3. You can play with pointed tools at home. | False |
| | 4. If one catches fire, cover him tightly with a blanket. | True |
| | 5. If a person is seriously injured, call the doctor at once. | True |
| | 6. Children can light crackers themselves. | False |

IV. Name the following :

- | | | |
|-------------|--|--------------|
| Ans. | 1. Traffic light that tells you to stop. | red |
| | 2. Traffic light that tells you to go. | green |

- | | |
|---|------------------------|
| 3. Two dangerous things you should never play with. | knife, matchbox |
| 4. The place to cross the road. | zebra crossing |
| 5. Medical-aid given to an injured person before the arrival of a doctor. | first-aid |

I. Answer the following questions :

- Ans.**
1. Air is colourless, has weight and occupies space.
 2. We need water for drinking, cooking, cleaning and washing.
 3. Rivers, lakes, streams, ponds and wells.
 4. Drinking and bathing.
 5. Take two potted plants. Water one of them properly and let it get enough sunlight. Do not water the other plant for a few days and keep it in the dark.
What do you notice?
The plant that does not get water and sunlight for a few days, dies.

II. There is no air on the moon, could the following things be possible there?

- | | | |
|-------------|---|-----------|
| Ans. | 1. Can animals live on the moon? | No |
| | 2. Can children fly kites on the moon? | No |
| | 3. Can we lit fire on the moon? | No |
| | 4. Will a fan blow air on the moon? | No |
| | 5. Will the plants survive on the moon in the future? | No |

III. Write names of any five things which move because of air :

- Ans.** (a) trees (b) clothes (c) kites (d) dust (e) paper

IV. Write whether the following statements are 'true' or 'false' :

- | | | |
|-------------|--|--------------|
| Ans. | 1. We cannot live without water. | True |
| | 2. We can see the moving air. | False |
| | 3. Rain is the main source of water. | True |
| | 4. Air is not useful for burning. | False |
| | 5. Water is essential for plants and animals also. | True |
| | 6. We must not waste water at any cost. | True |

V. Match the following columns :

Ans.	Column 'A'	Column 'B'
	1. A rat in a closed jar	(c) will die
	2. Plants need air	(a) to breathe
	3. Air helps in	(b) burning
	4. We feel air when it	(e) moves around us
	5. Air has	(f) weight
	6. Moving air is called	(d) wind

VI. Tick the correct option in the following :

- Ans.**
1. Plants need water to :
- | | | | |
|---------------|-------------------------------------|------------------|--------------------------|
| (a) cook food | <input type="checkbox"/> | (b) wash clothes | <input type="checkbox"/> |
| (c) grow | <input checked="" type="checkbox"/> | (d) drink | <input type="checkbox"/> |
2. The main source of water is :
- | | | | |
|-------------|--------------------------|-----------|-------------------------------------|
| (a) streams | <input type="checkbox"/> | (b) lakes | <input type="checkbox"/> |
| (c) ponds | <input type="checkbox"/> | (d) rain | <input checked="" type="checkbox"/> |
3. To put the fire off we need :
- | | | | |
|--------------|--------------------------|------------|-------------------------------------|
| (a) air | <input type="checkbox"/> | (b) water | <input checked="" type="checkbox"/> |
| (c) kerosene | <input type="checkbox"/> | (d) petrol | <input type="checkbox"/> |

I. Answer the following questions :

- Ans.**
1. Summer, Rainy, Winter, Autumn and Spring.
 2. Weather changes from day to day. But when the same type of weather continues for a longer time period, it is called a season.
 3. It is neither very hot nor very cold. This season is full of beautiful and scented flowers.
 4. In the autumn season, most of trees shed their leaves.
 5. We like to wear light-coloured clothes and enjoy cold drinks. We like to sit under or near the fans or coolers.

II. Answer the following only in one word :

- | | | |
|-------------|---|-----------------|
| Ans. | 1. We cover our head with this, when it is raining. | Umbrella |
| | 2. The season when we wear woollen clothes. | Winter |
| | 3. The season when the trees shed their leaves. | Autumn |

III. Tick (✓) the correct option in the following :

- Ans.**
- During summer we wear
(a) raincoat (b) cotton clothes
(c) woollen clothes (d) synthetic clothes
 - On a rainy day we need
(a) an umbrella (b) a cooler
(c) woollen clothes (d) none of these
 - Strong winds blow on a
(a) dull day (b) calm day
(c) sunny day (d) windy day
 - On a sunny day, the weather is :
(a) warm (b) cold
(c) wet (d) dull
 - It is neither too cold nor too hot in the
(a) winter season (b) summer season
(c) rainy season (d) spring season

IV. Can you name the weather, these pictures are showing :

(a)



Winter

(b)



Rainy

(c)



Autumn

(d)



Summer

I. Write whether the following statements are 'true' or 'false' :

- Ans.**
- Land is covered with sand at some places. These places are called deserts. **True**
 - The earth moves round the moon. **False**
 - Days and nights are caused by the rotation of the earth on its own axis. **True**
 - A very high hill is called a valley. **False**
 - The tops of high mountains are covered with snow. **True**

II. Match the following columns :

Ans.	Column 'A'	Column 'B'
	1. Long and narrow land between the two hills	(c) valley
	2. A big ball like structure	(d) the earth
	3. Land covered with sand	(e) desert
	4. The low and flat land	(b) plain
	5. Very high hill	(a) mountain

III. Choose the correct word for each of the following :

- Ans. 1. A very high hill is called a **valley/mountain**.
2. The sun rises in the **east/west**.
3. The earth is surrounded by **sky/air**.
4. The soil of **valley/desert** is good for farming.
5. A **low/high** land is called a plain.
6. The earth is like a **big/small** ball.

IV. Define the following terms :

Mountains	A big hill is called a mountain.
Hills	The place where the land rises high with slopes is called a hill.
Deserts	The land which is covered by sand is called desert.
Plains	The low and flat land of the earth, is called a plain.
Valleys	The long narrow land between two hills or mountains is called a valley.

14

The Sun, The Moon and The Stars

I. Answer the following questions :

- Ans. 1. The sun gives us heat and light.
2. East.
3. The day when the moon looks round like a ball is called a full moon day.
4. They are not visible due to the brightness of the sun.
5. West.

II. Fill in the blanks with the correct word given alongside:

- Ans.**
1. We see the **sun** during the day-time only.
 2. The sun gives us heat and **light**.
 3. The sun sets in the **west**.
 4. The **stars** twinkle in the sky.
 5. The sun is a big hot ball of **fire**.

III. Write whether the following statements are 'true' or 'false' :

- Ans.**
1. The sun is bigger than the earth. **True**
 2. We can count the stars. **False**
 3. The moon has light of its own. **False**
 4. The moon revolves round the earth. **True**
 5. The sun is a big ball of hot gases. **True**

IV. Match the following columns :

- Ans.**
- | Column 'A' | Column 'B' |
|------------------------|--------------------------|
| 1. rises in the east | (a) The sun |
| 2. are many in number | (d) The stars |
| 3. is a planet | (e) The earth |
| 4. is not always round | (b) The moon |
| 5. is round in shape | (c) The full moon |

V. Give answer in one word only :

- Ans.**
1. Where does the sun rise? **east**
 2. We cannot count them. **stars**
 3. What makes the moon shine? **light of sun**
 4. What gives heat and light to the sun? **hot gases**
 5. What is a ball of cold and hard rocks? **moon**