



Science and Technology-II (Solution)

CHAPTER 1 : PLANTS AROUND US

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. The stem of a tree is called trunk.
2. Herbs are very small plants. They have soft, thin and green stems. They are smaller than shrubs. They usually do not live more than a year and they are seasonable only.
3. Some plants have weak stems. They grow along the ground. They are called creepers. Creepers give-off at regular intervals.
4. Plants that grow in water are called water plants. Their leaves float on water. Seaweed, Lotus and water lily are some water plants.

(C) Fill in the blanks with the words given below :

1. different 2. lotus 3. woody 4. leaf 5. desert

(D) Say whether the following statements are 'True and False' :

1. False 2. False 3. True 4. True 5. False

Sharpen your vocabulary

(A) Match the following column :

1. Grapevine - climber 2. Apple - Tree 3. Wheat - Herb
4. Cactus - Desert Plant 5. Lotus - Water plant

(B) Name any :

1. Banyan, Coconut 2. Lotus, Rose
3. Mint, Rice 4. Pea, Grapevine

Activity

1. Do himself 2. Do himself

CHAPTER 2 : PLANTS GIVE US

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Plants give us food, wood, oil, medicines, rubber, fibre, gum, paper and many other such things.
2. We make a paper from bamboo plant.
3. Rose, Jasmine, Lavender and Champa Plants.
4. Fibres are useful for making sacks, cloth, ropes and mats.
5. We eat roots of the carrot.

(C) Fill in the blanks with the words given below :

1. medicine 2. sugarcane 3. jasmine 4. keekar 5. tulsi

(D) Say whether the following statements are 'True and False' :

1. False 2. True 3. False 4. True 5. True

(E) Name a plant which gives us the following :

1. Jute 2. Rubber Tree 3. Bamboo 4. Wheat 5. Jute
6. Jasmine 7. Tulsi

Sharpen your vocabulary

(A) Match the following :

1. Potato - Stem 2. Cauliflower - Flower
3. Mango - Fruit 4. Perfume - Jasmine

(B) Tick (✓) the things that come from plants and cross (X) those do not :

1. ✓ 2. ✓ 3. ✓ 4. X 5. X 6. ✓

Activity

(A) Hidden in these letters are things we get from plants. Circle them and write their names in the correct columns.

Vegetables : Carrot, Tomato, Turnip, Pea

Fruits : Mango, Orange, Banana, Apple

(B) Do himself.

CHAPTER 3 : DOMESTIC ANIMALS

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Animals like cat, dog etc. are kept at home. Such animals are called domestic animals.
2. Cheese, curd, butter
3. Silkworm gives us silk.
4. Sheep gives us wool.
5. Dog , cat.

(C) Fill in the blanks with the words given below :

1. milk 2. camel 3. hens 4. dog 5. tease

(D) Say whether the following statements are 'True and False' :

1. False 2. True 3. True 4. False 5. True

Sharpen your vocabulary

(A) Match he following :

1. Goat - Mutton 2. Cow - Milk 3. Honeybee - Honey
4. Silkworm - Silk 5. Hen - Egg 6. Sheep - Wool

(B) Who does what? Fill in the blanks with the names of animals :

1. Dog 2. Sheep 3. Honeybee 4. Cow
5. Silkworm 6. Buffalo 7. Hen

Activity

(A) Complete the sentences :

1. Honeybee, honey 2. Geese, egg 3. Cow, milk
4. Buffalo, leather 5. Sheep, wool

(B) Visit a farm or a dairy farm near your city and make a list of animals you can see there :

1. Goat 2. Sheep 3. Cow 4. Horse 5. Hen 6. Ox

(C) Do himself

(D) Do himself

CHAPTER 4 : WILD ANIMALS

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Wild animals live in jungle.
2. Lions live in den.
3. Horse, deer, elephant
4. Birds make nests to lay eggs and to keep their babies safe.

(C) Fill in the blanks with the words given below :

1. wild 2. tiger 3. trees 4. crocodile 5. nests

(D) Say whether the following statements are 'True and False' :

1. True 2. False 3. True 4. True 5. False

Sharpen your vocabulary

(A) Match the following :

1. A vulture - eats dead animals
2. Monkey - lives on a tree
3. A Snake - lives in a hole.
4. Wild animals - lives in the jungle.
5. A Zebra - eats grass.

Activity

(A) Look at the following picture. Write the names of the animals in the picture:

1. Peacock 2. Deer 3. Rabbit 4. Bear 5. Zebra 6. Ostrich
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FORMATIVE ASSESSMENT-1

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Plants that grow in water are called water plants. Their leaves float on water. Seaweed, Lotus and waterlily are some water plants.
2. Fibres are useful for making sacks, cloth, ropes and mats.
3. Lions lives in den.
4. Birds make nests to lay eggs and to keep their babies safe.

(C) Fill in the blanks with the words given below :

1. leaf 2. tease 3. tulsi 4. camel 5. tiger

Activity

1. Do himself

Chapter 5 : Bones and Muscles

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Exercise makes our muscles strong and keeps us healthy.
2. Bones are framework of our body. They help us to move, walk, run and play.
3. We must also do exercise and play games to keep our bones and muscles fit and strong.
Exercise makes our muscles strong and keeps us healthy.
4. A posture is the position in which we hold our body when we sit, stand or move.
5. The good posture is important to give proper shapes to our muscles and bones.

(C) Fill in the blanks with the words given below :

1. shape 2. skin 3. bones 4. exercise 5. muscles

(D) Say whether the following statements are 'True and False' :

1. False 2. False 3. False 4. True

Sharpen your vocabulary

(A) Write two examples of each :

1. Skin - covers the body
2. Bones - are 206 in number
3. Exercise - keep our body fit
4. Muscles - soft, elastic and fleshy
5. Skeleton - give shape and support to our body.

Activity

(A) Look at following pictures. Write the names of the games :

1. Swimming 2. Playing 3. Swinging
-

CHAPTER 6 : FOOD FOR HEALTH

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. We need food to grow and live.
2. Fruits, vegetables and cereals.
3. Milk, egg, meat
4. We must eat slowly and chew our food well, We should not eat junk food. It makes us fat and ill like chowmin and burger.
5. We should wash our hands before and after eating.

(C) Fill in the blanks with the words given below :

1. work 2. three 3. vegetables 4. eating 5. fresh

(D) Say whether the following statements are 'True and False' :

1. False 2. True 3. False 4. True 5. True

(E) List the food items that we get from plants and animals :

From Plants : Fruits, Vegetables, Pulses, Cereals, Coffee, Tea, Grain, Nuts, Grains

From Animals : Milk, eggs, meat, fish, cheese, butter, curd, ghee.

Sharpen your vocabulary

(A) Match the following :

1. Do not eat - uncovered food
2. Brush your teeth - after every meal
3. Fruits and vegetables - to gain strength
4. We must drink - plenty of water
5. Milk - protect us from diseases

(B) List three things each you would eat to :

1. Milk, Fruits, Vegetables
2. Butter, Ghee, Rice
3. Cereals, Milk, Fruits

Activity

(A) Solve the following food puzzle :

1. Apple 2. Mango 3. Grapes 4. Egg 5. Orange 6. Fish

(B) Collect pictures of different kind of food and paste them in your scrapbook.

Do himself.

CHAPTER 7 : HOUSES WE LIVE IN

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. We need a house to live in.
2. Temporary houses are made up of straw, mud and bamboo. These houses are not strong and found in villages.
3. Movable houses can be moved from one place to another. These houses are house boats, carvanas, tent etc.
4. Permanent house made up of bricks, cement and steel bars.
5. Hut and Carvans.

(C) Fill in the blanks with the words given below :

1. house 2. banjaras 3. houseboats 4. flat 5. plants

(D) Say whether the following statements are 'True and False' :

1. False 2. True 3. True 4. False 5. True

Sharpen your vocabulary

(A) Match the following :

1. A hut - is made of bamboo
2. A tent - is used for camping in the open.
3. A caravan - is a house on wheels.
4. A house boat - floats on water.
5. An igloo - is a house made of ice.

Activity

(A) Do himself.

(B) Do himself.

FORMATIVE ASSESSMENT-2

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. A posture is the position in which we hold our body when we sit, stand or move.
2. We should wash our hands before and after eating.
3. Rice, Wheat and Pulses.
4. Movable houses can be moved from one place to another. These houses are house boats, carvanas, tent etc.

(C) Fill in the blanks with the words given below :

1. muscles 2. vegetables 3. houseboats 4. eating 5. three

Activity

1. Do himself.
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Summative Assessment-1

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. The stem of a tree is called trunk.
2. Bones are frame work our body. They help us to move, run, walk and play.
3. Some plants have weak stems. They grow along the ground. They are creepers. Creepers give-off roots at regular intervals.
4. Permanent house made up of bricks, cement and steel bars.
5. We should wash our hands before and after eating.

(C) Fill in the blanks with the words given below :

1. keekar 2. lotus 3. medicine 4. dog 5. plants

(D) Say whether the following statements are 'True and False' :

1. False 2. False 3. True 4. True 5. True

(E) Match the following :

- | | |
|------------------------|-----------------|
| 1. Mango - Fruit | 2. Hen - Egg |
| 3. Cow - Milk | 4. Sheep - Wool |
| 5. Lotus - Water plant | |

(F) Who does what ? Fill in the blanks with the names animals :

- | | | | |
|-------------|------------|-------------|--------|
| 1. Dog | 2. Sheep | 3. Honeybee | 4. Cow |
| 5. Silkworm | 6. Buffalo | | |

(G) Do yourself.

(H) Do Yourself.

CHAPTER 8 : SAFETY AND FIRST AID

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Safety is important for us. We should keep ourselves and other safe.
2. Always cross the road from Zebra crossing.
3. We should walk on footpath.
4. First-aid is the immediate treatment which is given to the patients before doctor comes.

(C) Fill in the blanks with the words given below :

1. safety 2. road 3. bus 4. floor 5. first aid box

(D) Say whether the following statements are 'True and False' :

1. False 2. True 3. False 4. True 5. True

Sharpen your vocabulary

(A) Match the correct traffic signal with the correct activity :

1. Red - Do not cross the road now.
2. Yellow - Get ready to cross the road.
3. Green - Now you can cross the road safely.

(B) Write 'Safe' or 'Unsafe' against each of the following sentences :

1. Unsafe 2. Safe 3. Safe 4. Safe

Activity

(A) Do himself.

(B) Do himself.

CHAPTER 9 : AIR AROUND US

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. We need air to breathe. We cannot live without air. There can be no life without air.
2. Air contain water vapour, smoke, dust and germs.
3. A very strong wind is called a storm. It makes doors and windows band loudly. We should stay safely inside the house in a storm.
4. (a) Air pushes the water in the rivers and seas and causes waves.
(b) Every people, animals and plants need air to breathe.

(C) Fill in the blanks with the words given below :

1. air 2. smoke 3. storm 4. impure 5. smoke

(D) Say whether the following statements are 'True and False' :

1. False 2. True 3. True 4. False 5. True

(E) Circle the correct word :

1. everywhere 2. cannot 3. Wind 4. Breeze 5. should not

Sharpen your vocabulary

(A) Match the following :

1. Air is present - all around us.
2. Air also contains - smoke.
3. Moving air - is called breeze
4. Wind - makes clouds move
5. Trees breathe the - impure air and release pure air.

(B) Write four points to keep air clean and fresh :

Ans. Do himself.

Activity

(A) Do himself

(B) Do himself

(C) Do himself

CHAPTER 10 : WATER FOR ALL

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Water is used in homes, offices, schools and factories. We need water for drinking, bathing, swimming, brushing and growing plants etc.
2. Water obtained from ponds, tanks, rivers and lakes are not always clean and germs free. Impure water is not good for our health. It has germs and bacteria which are harmful to human beings. We should drink clean water.
3. We can save the rain water by making rain harvesting system in our houses, offices etc. We can also save the rain water in buckets, tanks etc. and use this water for bathing, washing and watering plants.
4. Water is very useful for all living beings. We must not waste it. We must turn off taps after use.

(C) Fill in the blanks with the words given below :

1. rain 2. boil 3. ponds 4. useful

(D) Say whether the following statements are 'True and False' :

1. True 2. False 3. True 4. False 5. True

Sharpen your vocabulary

(A) Match the following :

- | | |
|--|-----------------------------|
| 1. Boiling water - kill germs | 2. Save - water |
| 3. Water filter - gives us clean water | 4. Well - underground water |

Activity

1. Draw or paste the picture below :

Ans. Do himself.

CHAPTER 11 : FORMS OF WATER

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Solid, liquid and gas
2. The solid form of water is called an ice. Ice does not change shape. Fill an ice tray with water, keep it in the freezer for an hour. We find that the water changes into ice on cooling.

3. The heat of the sun heats the water of rivers, seas and lakes. This changes water into water vapour. This water vapour rises up into the air and turn into tiny drops of water and then forms clouds. In the cloud when the tiny drops joins together then these drops gets heavier and fall on the earth as rain. This continuous cycle of water is known as water cycle.

(C) **Fill in the blanks with the words given below :**

1. taste 2. ice 3. gaseous 4. sun 5. water

(D) **Say whether the following statements are 'True and False' :**

1. False 2. False 3. True 4. True

Sharpen your vocabulary

(A) **Match the following :**

1.



2.



3.



(B) **Write the correct words in the boxes. Choose from the cloud :**

Water, Steam, Ice, water

Activity

1. Do himself.
-

FORMATIVE ASSESSMENT - 3

(A) **Multiple Choice Questions (MCQ)**

Tick (✓) the correct answer :

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

(B) **Answer the following questions :**

1. First-aid the immediate treatment which is given to the patients before doctor comes.
2. A very strong wind is called a storm. It makes doors and windows band loudly. We should stay safely inside the house in a storm.
3. The heat of the sun heats the water of rivers, seas and lakes. This changes water into water vapour. This water vapour rises up into the air and turn into tiny drops of water and then forms clouds. In the cloud when the tiny drops joins together then these drops gets heavier and fall on the earth as rain. This continuous cycle of water is known as water cycle.
4. Water is very useful for all living beings. We must not waste it. We must turn off tapes after use.

(C) **Fill in the blanks with the words given below :**

1. sun 2. rain 3. impure 4. road 5. air

Activity

1. Do himself.
-

CHAPTER 12 : SUNLIGHT AND SHADOW

(A) **Multiple Choice Questions (MCQ)**

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. If there was no sun, the earth would have been a very cold and dark place. There would have been no life on earth at all.
2. A shadow is formed on the opposite side of light. The shape of the shadow depends on the shape of the object. At night, the shadow is formed by the moonlight, electric bulb or lamp.
3. The sun looks so small from the earth because it is very far from us.

(C) Fill in the blanks with the words given below :

1. heat 2. west 3. shadow 4. change

(D) Say whether the following statements are 'True and False' :

1. False 2. False 3. True 4. False

Sharpen your vocabulary

(A) Match the following :

1. The sun helps - to ripe crops
2. The sun gives us - heat and light
3. Our shadow - moves with us
4. Our shadow is longer - in the morning
5. Our shadow is shorter - at noon

Activity

(A) Make different animals shapes with hand shadows on the wall. There should be bright light behind your hands :

Ans. Do himself.

(B) Write the 'day' words in the sun and the 'night' words in the moon :

Day : Play, dance, study, lunch

Night : Dinner, dream, star, sleep

CHAPTER 13 : THE MOON

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. The moon is round like a ball but we see its different shapes and sizes in every night. This is because the sunlight area of the moon changes every night. Different shape of moon are called phases of moon.
2. Neil Armstrong, Edwin Aldrin and Michael Collins went to the moon in 1969.
3. Kalpana Chawla went into space for the first time in 1997.

(C) Fill in the blanks with the words given below :

1. purnima 2. earth 3. first 4. Sunita Williams

(D) Say whether the following statements are 'True and False' :

1. True 2. False 3. True 4. False

Sharpen your vocabulary

(A) Match the following :

1. Kalpana Chawala - went into space in 1997

2. Neil Armstrong was - the first man to step on the moon.
3. The moon - shines at night
4. Moon has - no water or air.
5. Trees cannot - grow on the moon.

Activity

(A) Colour the clouds blue for the things that you see in the sky. Colour the other clouds pink.

Blue : Clouds, Rainbow, Sun, Moon, Stars

Pink : Bus, Table, Copy, Tree, Boat, Bag

(B) Look at the pictures and write their name :

Neil Armstrong, Sunita Williams, Kalpana Chawla, Buzz Aldrin

CHAPTER 14 : ROCKS AND MINERALS

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Rocks are found under the soil. Hills are made of rocks. Rocks are found under the lakes and river. Rocks are of different shapes, sizes and colours.
2. Rocks are of different kinds. Some rocks are shiny. Some rocks are hard while some are soft. Some of them are rough. Some are found in layers of soils. Some rocks are hard such as marble, granite and diamond. Granite is grey, black, white and red rock. Marble is a hard rock. Diamond is known as the hardest rock.

3. Copper, Gold

(C) Fill in the blanks with the words given below :

1. seas 2. granite 3. sandstone 4. diamond

(D) Say whether the following statements are 'True and False' :

1. True 2. False 3. True 4. True 5. False

Sharpen your vocabulary

(A) Match the following :

1. Diamond - Jewellery
2. Lead - Pencil
3. Sandstone - Red fort
4. Marble - Taj Mahal
5. Ruby - Gemstone

Activity

(A) Do himself

(B) Do himself

(C) Look at the pieces of rock. Write their names :

Rock, Diamond, Coal, Granite

FORMATIVE ASSESSMENT - 4

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Copper, Gold
2. Kalpana Chawla went into space for the first time in 1997.
3. The sun look so small from the earth because it is very far from us.
4. A shadow is formed on the opposite side of light. The shape of the shadow depends on the shape of the object. At night, the shadow is formed by the moonlight, electric bulb or lamp.

(C) Fill in the blanks with the words given below :

1. Sunita Williams 2. Purnima 3. Heat 4. Sandstone 5. Diamond

Activity

1. Do himself.
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SUMMATIVE ASSESSMENT-2

(A) Multiple Choice Questions (MCQ)

Tick (✓) the correct answer :

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

(B) Answer the following questions :

1. Air contain water vapour, smoke, dust and germs.
2. Water obtained from ponds, tanks, rivers and lakes are not always clean and germs free. Impure water is not good for our health. It has germs and bacteria which are harmful to human beings. We should drink clean water.
3. Neil Armstrong, Edwin Aldrin and Michael Collins went to the moon in 1969.
4. A shadow is formed on the opposite side of light. The shape of the shadow depends on the shape of the object. At night, the shadow is formed by the moonlight, electric bulb or lamp.
5. First-aid the immediate treatment which is given to the patients before doctor comes.

(C) Fill in the blanks with the words given below :

1. earth 2. taste 3. bus 4. boil 5. air

(D) Say whether the following statements are 'True and False' :

1. True 2. False 3. False 4. True 5. True

(E) Match the following column :

- | | |
|------------------------------------|---------------------------|
| 1. Boiling water - kill germs | 2. Save - water |
| 3. Water filter - purify the water | 4. Well underground water |
| 5. Air is present all - around us. | |

(F) Write 'Safe' or 'Unsafe' against each of the following sentences :

1. Unsafe 2. Safe 3. Safe 4. Safe 5. Safe

Activity

- (G) Do himself

