

# SCIENCE (CLASS-2)

## CHAPTER-1 – PLANTS AROUND US

### Let us Answer

A. Tick (✓) the correct answer.

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

B. Fill in the blanks :

1. trunk      2. bark      3. shrubs      4. herbs      5. branches

C. Answer the following questions.

1. Trees are home to animals, birds and many insects.
2. The names of three herbs are coriander, spinach and mint.
3. Climbers are plants with weak stems. They need support to stand and grow straight. Names of two climbers are money plant and pea plant.
4. Creepers are plants with very weak stem. They creep along the ground. Names of two creepers are pumpkin and bottlegourd.

### HOT QUESTIONS

D. cherry

### Let us Try

E. Do it yourself.

F. Do it yourself.

G. Identify the tree and fill in the blanks.

1. mango    2. mango    3. strong

### A Life Skill

Do it yourself.

## CHAPTER-2 – PLANTS GIVE US

### Let us Answer

A. Tick (✓) the correct answer.

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

B. Fill in the blanks :

1. plants      2. cloth      3. wood      4. bamboo      5. plants

C. Answer the following questions.

1. The names of two fruits are mango and apple.  
The names of three vegetables are carrot, tomato and cabbage.
2. Cotton and jute are useful to us because they give us fibres to make cloth, sack, ropes. etc.
3. We get gum and rubber from the juice of trees.
4. Names of some plant parts used as medicines are the leaves of tulsi, the leaves of neem and Alovera, etc.
5. The names of Five things made from wood are table, chair, door, bed, windows, etc.

## HOT QUESTIONS

D. we are flowers.

E. We can use the fallen leaves and dead plants for making compost instead of burning them.

### Let us Try

F. Do it yourself.

G. Which plant part are they ? Write R for root, S for stem and L for leaf.

S                      R                      L                      R

H. Do it yourself.

### A Life Skill

Do it yourself.

## CHAPTER-3 – ANIMALS GIVE US...

### Let us Answer

A. Tick (✓) the correct answer.

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

B. Fill in the blanks :

1. pets    2. leather    3. beehives    4. silkworm    5. domestic

C. Answer the following questions :

1. Animals which we keep at our homes are called Pet animals. The names of two pet animals are dog and cat.
2. Animals which rear at our farms are known as farm animals. Cow, buffalo, goat, bull, sheep, etc. are farm animals.
3. Animals which give us food are cow, buffalo, goat, hen, duck, etc.
4. Animals such as horses, camels, bulls and elephants are used as the means of transport.

## HOT QUESTIONS

D. Aman grandparents can have cows, buffaloes, hens and duck on their farm.

E. Do it yourself.

F. Do it yourself.

## CHAPTER-4 – ANIMALS IN THE JUNGLE

### Let us Answer

A. Tick (✓) the correct answer.

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

B. Fill in the blanks :

1. jungle    2. dens    3. nests    4. flesh    5. dead

C. Write P for plant-eating animals and F for the flesh-eating animals.

Do it yourself.

D. Answer the following questions :

1. The wild animals live in the jungle.

2. Some animals which rest on or under the trees deer, gorilla and monkeys.
3. Birds make nests to lay eggs and keep their babies safe.
4. Hyenas help to keep the forest clean because they eat the flesh of dead animals.

### HOT QUESTIONS

E. I am a wolf.

#### Let us Try

E. From the wordsearch find the names of ten wild animals and write them in the bubbles.

- |              |            |
|--------------|------------|
| 1. Crocodile | 2. Lion    |
| 3. Wolf      | 4. Deer    |
| 5. Zebra     | 6. Hyena   |
| 7. Snake     | 8. Giraffe |
| 9. Tiger     | 10. Jackal |

### ACTIVITY TIME-I

A. In the given wordsearch, some things which we get from plants are given. Circle them and write their names in the correct columns.

**Fruits** : Apple, Pear, Mango    **Vegetables** : Carrot, Potato, Pea    **Nuts** : Coconut, Peanut, Walnut    **Foodgrains** : Corn, Wheat, Rice

B. Do it yourself.

### CHAPTER-5 – BONES AND MUSCLES

#### Let us Answer

A. Tick (✓) the correct answer.

1. (b)    2. (c)    3. (b)    4. (c)

B. Write the following as true or false :

1. false    2. true    3. true    4. false    5. true

C. Answer the following questions :

1. The bones and muscles are useful to us because they help us to stretch, bend, sit, stand, write, walk, run and play.
2. We should eat healthy food, drink milk and do exercise daily to keep our bones and muscles strong.
3. A posture is the position in which we hold our body when we sit, stand or move.

### HOT QUESTIONS

D. What will happen if.

- (a) We will unable to stand erect, walk and run properly. Our bones will not protect our delicate inner organs, like heart, lungs, brain, etc.
- (b) Exercise makes our bones and muscles strong. If we do not do exercise our bones and muscles will remain weak and they will not work properly.
- (c) Milk makes our bones and muscles strong. If we do not drink milk then our muscles and bones will remain weak. We will not healthy and fit to live a happy life.

#### Let us Try

E. Unscramble the names of these bony parts of your body and write in the box :

- |          |          |         |
|----------|----------|---------|
| 1. Elbow | 2. Chin  | 3. Nose |
| 4. Skull | 5. Wrist |         |

F. Do it yourself.

G. Identify the given sports :

Swimming

Running

Lawn Tennis

Basketball

### **A Life Skill**

Do it yourself.

## **CHAPTER-6 – THINK FOOD FIRST**

### **Let us Answer**

A. Tick (✓) the correct answer.

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

B. Fill in the blanks :

1. Food 2. energy 3. muscles, bones 4. protective 5. uncovered

C. Match the columns to complete the sentences :

1. We must visit the dentist regularly.
2. We should eat meals at a fixed hours everyday.
3. We should not eat junk food.
4. We must drink plenty of water.

D. Answer the following questions.

1. Some foods give us energy. They are called energy-giving foods. Rice, wheat, potato, sugar are examples of some such foods.
2. The foods which protect us from diseases are called protective foods. Examples of such foods are fruits and vegetables.
3. Two healthy eating habits are as follows :
  - (i) We must wash our hands before and after every meal.
  - (ii) We should never eat uncovered or stale food.
4. The two ways to keep our teeth healthy are as follows :
  - (i) We must brush our teeth twice a day.
  - (ii) We must visit the dentist every six months.

E. Do it yourself.

F. Do it yourself.

G. Do it yourself.

## **CHAPTER-7 – HOUSING AND CLOTHING**

### **Let us Answer**

A. Tick (✓) the correct answer.

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

B. Write the following as true or false :

1. true 2. true 3. false 4. false 5. true

C. Answer the following questions :

1. We need a house to live in. It protects us from heat, cold, rain and wild animals.
2. Names of two types of temporary houses are huts and caravan.
3. Most jawans and scouts live in tents in their camps.

4. Houses in mountains have sloping roofs because such roofs allow snow and rainwater to slide off easily.

### Hot Questions ?

Do it yourself.

### CHAPTER-8 – BE SAFE

#### Let us Answer

- A. Tick (✓) the correct answer.  
1. (b) 2. (c) 3. (b)
- B. Fill in the blanks :  
1. hurt 2. footpath 3. zebra-crossing 4. careful 5. meals
- C. Write the following as true or false :  
1. true 2. true 3. false 4. true
- D. Answer the following questions :  
1. Two safety rules to be followed in the bus are :  
(i) To get into the bus, always stand in a queue.  
(ii) Do not put any of your body part out of a moving bus.  
2. Two safety rules to be followed in the swimming pool are :  
(i) Always be careful while swimming.  
(ii) Do not go into deep water.  
3. Two safety rules to be followed at home are given here :  
(i) Do not play with sharp objects like scissors, blades, knives, etc.  
(ii) Always keep your toys, books and other thing on their proper places. Never leave them on a floor.  
4. We should follow these safety rules during festivals :  
(i) On Diwali, say a big 'No' to crackers.  
(ii) Always play Holi with safe herbal colours.  
5. If we get hurt, we will inform an adult. He will help us to control the situation.

#### Let us Try

- E. Do it yourself.  
F. Do it yourself.

#### ACTIVITY TIME-II

- A. These are the symbols of some sports. Complete their names.  
1. Hockey 2. Swimming 3. Cycling 4. Weightlifting 5. Basketball
- B. Do it yourself.
- C. Write the phone numbers of the given services :  
Police – 100                      Ambulance – 102                      Fire brigade – 101

## CHAPTER-9 – AIR EVERYWHERE

### Let us Answer

- A. Tick (✓) the correct answer.  
1. (c) 2. (b) 3. (c) 4. (b)
- B. Fill in the blanks :  
1. feel 2. smoke 3. fresh, clean 4. wind
- C. Write 'T' for true and 'F' for false statements.  
1. F 2. T 3. F 4. T 5. T
- D. Answer the following questions :  
1. We dry wet clothes in the sun because the heat of the sun change the water present in the clothes into water vapour and it makes the clothes dry soon.  
2. Air contains smoke, dust, germs and water vapour.  
3. When Smoke mixes with the air, it makes air impure.  
4. Moving air is called wind. Wind helps us in many ways, such as it carries seeds of plants to new places. It helps us to run wind mills.  
5. Very strong winds are called storm. A storm can cause damage to crops, houses, trees and animals.  
6. A weathercock is used to know the direction of the wind. The beak of the cock shows the direction in which the wind blows.

### HOT QUESTIONS

- E. 1. We should not cover our face while sleeping because it blocks the incoming of fresh air.  
2. The wet clothes take a long time to dry in the rainy season because air contains much water vapour in this season. It shows the process evaporation.

### Let us Try

Do it yourself.

## CHAPTER-10 – WATER FOR ALL

### Let us Answer

- A. Tick (✓) the correct answer.  
1. (c) 2. (b) 3. (c) 4. (c) 5. (c)
- B. Fill in the blanks :  
1. filter 2. rain 3. precious 4. saving 5. form
- 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. The various sources of water are rivers, lakes, ponds, well, rain, etc.  
2. Following are the two ways by which water can be made safe for drinking :  
(i) We can boil water to make it safe for drinking.  
(ii) We can use a water filter to get a clean water.

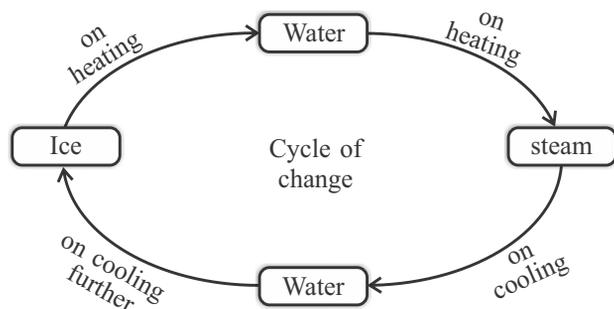
- Some rain water goes deep into the ground. This is called the ground water. We dig well to get this water.
- We can store rain water in buckets, drums, tanks and jugs.
- The water on the land changes into water vapour through the process of evaporation. Water vapour rises up in the air, cools and form tiny droplets of water. These droplets join together to form clouds.

### HOT QUESTIONS

- E.
- The 71 percent part of our earth's surface is covered with water and when we see the earth from the space it looks blue. Therefore the earth is called the blue planet.
  - We often see water droplets on the leaves in the morning during winter season. Actually these are water vapour present in the air. When the water vapour come in contact of coal surface of leaves these are condensed and changed into tiny droplets.

### Let us Try

- F. Write the correct words in the boxes. Choose from the box.



- G. From the wordsearch, find five sources of water and mark them with different colour.

A	S	E	A	H	I	J	K	L	M	P
B	E	F	G	Q	R	P	O	N	Z	O
C	D	R	R	A	I	N	Z	X	Y	N
S	T	U	U	W	V	X	Y	F	X	D
K	C	M	N	O	E	D	E	X	Y	G
V	U	T	S	P	R	C	B	A	Z	H
L	A	K	E	Q	W	X	Y	Z	A	I
J	I	H	G	R	F	E	D	C	B	J

- H. Do it yourself.

### A Life Skill

Do it yourself.

### CHAPTER-11 – SUN, LIGHT AND SHADOW

#### Let us Answer

- A. Tick (✓) the correct answer.
- (b)    2. (c)    3. (b)    4. (b)
- B. Fill in the blanks :
- sun    2. fruits    3. shadow    4. clothes

C. Match the following.

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

D. Answer the following questions :

- The three ways by which the sun helps us are as follows :
  - The plants make their food in the sunlight.
  - We work and play in the light of the sun.
  - The heat of the sun helps us in drying the clothes.
- The sun's rays don't reach us properly on a cloudy day. So we don't feel the heat.
- A shadow is formed when light cannot pass through an object.
- Our shadow is long in the morning and evening.
- Our shadow is short in the afternoon when the sun shines overhead.

### HOT QUESTIONS

E. We should wear dark-coloured clothes on cold days because they absorb heat and keep us warm from inside.

### Let us Try

Do it yourself.

### ACTIVITY TIME-III

A. Do it yourself.

B. From the wordsearch, circle the names of sources of water.

L	A	K	E	A	B	C	S	R
J	I	H	G	F	D	E	E	I
K	L	M	N	Z	Y	X	A	V
S	P	R	I	N	G	V	W	E
Q	P	O	R	S	T	U	A	R
O	C	E	A	N	X	Y	Z	C
I	J	K	L	M	N	O	B	P
H	P	O	N	D	G	F	E	D

C. Do it yourself.

### CHAPTER-12 – GOING TO THE MOON

#### Let us Answer

A. Tick (✓) the correct answer.

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

B. Write T for true and F for false statements :

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

C. Fill in the blanks :

1. everyday 2. earth 3. rocket 4. footprints 5. air, water

D. Answer the following questions :

- The names of the astronauts who went on the moon in 1969 are Neil Armstrong, Edwin Aldrin and Michael Collins.
- The astronauts brought some soil from the moon.

3. No one can live on the moon because there is no water and air present on the moon.
4. Kalpana Chawla was the first Indian woman to go on the moon.

### HOT QUESTIONS

- E. 1. Sand clocks were used by the people to measure time before watches were invented. Some people used the position of the sun to measure time.
2. The footprints will remain forever on the moon because there is no air present on the moon.

### Let us Try

- F. Do it yourself.
- G. Do it yourself.
- H. Name the following people :
- Kalpana Chawla                      Rakesh Sharma                      Sunita Williams

### CHAPTER-13 – ROCKS AND MINERALS

#### Let us Answer

- A. Tick (✓) the correct answer.
1. (c)   2. (b)   3. (c)   4. (a)   5. (c)
- B. Write the following as true or false.
1. true   2. false   3. false   4. true   5. false
- C. Fill in the blanks :
1. rocks   2. chalk   3. minerals   4. talc   5. graphite
- D. Match the following.
1. (c)   2. (e)   3. (d)   4. (a)   5. (b)
- E. Answer the following questions :
1. Rocks are found under the soil, on river bed and on sea beds.
  2. Hard rocks are used to make statues and buildings.
  3. Two uses of coal are as follows :
    - (i) It is burnt as a fuel for cooking and to run steam engines.
    - (ii) Many industrial units need coal for manufacturing the goods.

### HOT QUESTIONS

- F. The houses do not get washed away during rains because here sand is used with cement for preparing concrete a strong building material which gives strength to the house to face rains.

### Let us Try

- G. Can you match the gemstones with their names ?
1. (c)   2. (a)   3. (b)
- H. Do it yourself.
- I. Do it yourself.
- J. Look at the picture and fill in the blanks :
- coal mine  
miners