



SOLUTION WONDER OF SCIENCE

2

1.

Various Plants

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (b) trees 2. (a) creepers 3. (c) roots 4. (a) seeds

B. Answer the following questions :

1. Give the names of any three trees.

Ans. The names of three trees are :

- ✿ Banyan tree
- ✿ Coconut tree
- ✿ Mango tree

2. Give the names of any two climbers.

Ans. The name of two climbers are :

- ✿ Pea
- ✿ Bean

3. What is flower ?

Ans. Flowers are usually the most beautiful parts of a plant and bright in colour.

4. What do you mean by Chlorophyll ?

Ans. The leaf makes food for the plant. It uses air, water, and sunlight. Only green plants can make their own food because they have chlorophyll in it.

C. Fill in the blanks with the words given below :

1. water 2. roots 3. chlorophyll 4. seeds 5. air

D. Tick (✓) the correct words :

1. water 2. food 3. root 4. flowers 5. stem

E. Match with the correct part of body :

Column 'A' Column 'B'

- | | |
|-----------|-----------------------------|
| 1. Roots | are found under the ground. |
| 2. Stem | is found above the ground. |
| 3. Leaf | makes food for the plant. |
| 4. Flower | makes fruit and seeds. |
| 5. Seed | grows into a new plant. |

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2.

Helpful Plants

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (a) life 2. (b) carrot 3. (c) plants 4. (a) henna

B. Answer the following questions :

1. Name five things that we get from plants for our food.

Ans. The five things that we get from plants for our food are :

Wheat, Rice, Maize, Jowar, Chana.

2. Name a plant from which we get both paper and wood.

Ans. Bamboo is a plant from which we get both paper and wood.

3. Name a plant from which we get both spice and medicine.

Ans. Pepper and Amla are plants from which we get both spice and medicine.

4. Name a plant which is useful in perfume.

Ans. Rose, Jasmine and lavender are plants useful in perfume.

C. Fill in the blanks with the words given below :

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

D. Tick (✓) the correct words :

1. jasmine 2. fibre 3. cereals 4. medicinal

E. Say whether the following statements are True or False :

- Ans. 1. False 2. True 3. False 4. True

F. Match the following columns :

Column 'A'

1. Pulses
2. Oil
3. Spices
4. Cereals

Column 'B'

- moong and masoor
mustard and coconut
chilly, turmeric and cloves
wheat, rice and barley

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3.

Kinds of Animals

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (a) living 2. (b) no 3. (b) vultures 4. (c) holes

B. Answer the following questions :

1. Where are cows kept ?

Ans. Cows live under the shed.

2. Write the names of five domestic animals.

Ans. The names of five domestic animals are :

Cow, Buffalo, Goat, Horse, Rabbit.

3. What are scavengers ?

Ans. Some animals eat the flesh of dead animals and they help to keep the forest clean. These animals are called scavengers. For example—Jackals, wild dogs etc.

4. Where do the rabbits live ?

Ans. Rabbits live in the burrows under the earth.

C. Fill in the blanks with the words given below :

1. wild animals 2. trees 3. dens 4. shed 5. faithful

D. Tick (✓) the correct word :

1. pet 2. live 3. nests 4. plants

E. Write 'T' for true and 'F' for false statements :

- Ans.** 1. T 2. F 3. F 4. F 5. T

F. Circle the odd one out :

1. monkey 2. elephant 3. bird 4. cow 5. hen

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4.

Useful Animals

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (b) alive 2. (c) nests 3. (a) hen 4. (b) elephants

B. Answer the following questions :

1. Who is known as 'ship of desert' ?

Ans. Camel is known as 'Ship of desert'.

2. Which animals give us meat ?

Ans. Fish, Hen, Goat etc. give us meat.

3. Which animal is the biggest source of wool ?

Ans. Sheep is the biggest source of wool.

4. Write down the various points on taking care of pets.

Ans. The various points on taking care of pets are :

- ✿ Take proper and full care of pets
- ✿ Consult a veterinary doctor if any of your pets falls ill.
- ✿ Be kind and helpful to your pets and farm animals.

C. Fill in the blanks with the words given below :

1. snow 2. eggs 3. honeybees 4. silk 5. protect 6. nutritious

D. Tick (✓) the correct words :

1. shelters 2. milk 3. bees 4. pets

E. Match the following columns :

Column 'A'

1. Pet animals
2. Meat giving animals
3. Burden carrying beasts
4. Wool-giving animals

Column 'B'

- dog, cat, parrot
hen, fish, goat
elephant, bull, camel
sheep, goat

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5.

Air Around Us

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (a) plants 2. (b) smoke 3. (c) green 4. (a) sailboat

B. Answer the following questions :

1. What is air ?

Ans. Air is a mixture of many gases, smoke etc. We cannot see air; we can only feel it.

2. What does the air contain ?

Ans. The air contains :

- ✿ Nitrogen
- ✿ Oxygen
- ✿ Carbondioxide
- ✿ Water vapour

3. Name four things we should keep in mind to get fresh air.

Ans. The four things we should keep in mind to get fresh are :

- ✿ Do not cover your face when you sleep
- ✿ Keep windows open to let in fresh air
- ✿ Make proper disposal of garbage
- ✿ Grow more and more green plants in your surrounding.

4. Write down the properties of air.

Ans. The properties of air are :

- ✿ Air cannot be seen. It can be only felt.
- ✿ Air supports burning.
- ✿ Air occupies space and exerts pressure.

C. Fill in the blanks with the words given below :

1. air 2. smoke 3. pressure 4. wind 5. boats 6. parachute

D. Tick (✓) the correct words :

1. impure 2. green 3. supports 4. seas 5. Wind

E. Match the following columns :

Column 'A'

1. Smoke
2. Properties of air
3. Moving air
4. Fast and strong wind
5. Windmill

Column 'B'

- burning of wood and fuels
unseen, burning and untouched
wind and breeze
storm
pumps water and makes electricity

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6.

Water is Life

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (c) water 2. (a) colourless 3. (a) rain 4. (b) condensation

B. Answer the following questions :

1. Write the three sources of water.

Ans. The three sources of water are :

Rain, Lakes and Ponds.

2. What is the main use of water in our daily life ?

Ans. We mainly use water for drinking.

3. What do you know about the forms of water ?

Ans. The three forms of water are :

Solid (ice), Liquid and Gas (vapour).

4. Write down the three ways to keep water source clean.

Ans. The three ways to keep water source clean are :

- ✿ We can clean water by using a water filter.
- ✿ We should keep our drinking water covered.
- ✿ We can also boil the water.

C. Fill in the blanks with the words given below :

1. precious 2. impure 3. evaporation 4. water 5. rain

D. Tick (✓) the correct words :

1. without 2. ponds 3. water filter 4. form 5. off

E. Match the following columns :

Column 'A'

1. Source of water
2. Forms of water
3. Uses of water
4. Saving water
5. Evaporation

Column 'B'

- rain, ponds, lakes and river
solid, liquid and gas
cooking, watering and drinking
turn off tap after use
water is changed into vapour

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7.

Food and Health

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (a) eat 2. (b) animals 3. (c) fresh 4. (c) proper

B. Answer the following questions :

1. What are the main kinds of food ?

Ans. The main kinds of food are :

- ✿ Energy giving food
- ✿ Body Building food
- ✿ Protective food

2. **What do you mean by balanced diet ?**

Ans. A diet containing all the nutrients in their proper quantities is known as the balanced diet.

3. **Write down the product names from plants and animals.**

Ans. *Products of plants :*

Fruit Vegetables, pulses, grains, coffee, tea etc.

Products of animals :

Milk, Eggs, Fish, meat, butter, cheese etc.

4. **What do you mean by an energy giving food ?**

Ans. We get energy from food we eat. These foods contain starch, sugar, and fats e.g. Bread, rice, Apples, Bananas, eggs, coffee, chocolate, honey etc.

C. **Fill in the blanks with the words given below :**

1. grow 2. vegetables 3. plant 4. hands 5. everything

D. **Tick (✓) the correct words :**

1. Food 2. energy 3. meals 4. clean 5. uncovered

E. **Match the following columns :**

Column 'A'

1. Kinds of food

2. Energy food

3. Body building

4. Protective

5. Animal food

Column 'B'

energy giving, body building, protective

bread, wheat, rice, ghee, honey

pulses, meat, eggs, milk, fish

fruits and vegetables

milk, egg and meat

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8.

Safety Rules and First Aid

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

Tick (✓) the correct answer :

1. (a) zebra 2. (c) green 3. (b) moving 4. (b) swimming

B. **Answer the following questions :**

1. **What do you mean by first aid ?**

Ans. First aid is the immediate help given to an injured person.

2. **Write down three measures of safety while at home.**

Ans. The three measures of safety while at home are :

✿ Do not play with electric wires and switches

✿ Do not throw banana peel. It may hurt anyone.

✿ Do not play with matchsticks.

3. **How will you cross the road ?**

Ans. We should cross the road at the zebra crossing. Where there is no zebra crossing, first see the right, then left and again right. If the road is clear, we can cross the road.

4. **What do you mean by safety ?**

Ans. Safety is the state of being safe. It is the condition to remain safe.

C. **Fill in the blanks with the words given below :**

1. moral 2. lean 3. deep 4. electric 5. clinic

D. Tick (✓) the correct words :

1. down 2. banana 3. respect 4. playground 5. adults

E. Match the following columns :

Column 'A'

1. Safety on the Road
2. Safety in the bus
3. Safety while playing
4. Safety at home
5. Moral Values

Column 'B'

- never play on the road.
do not try to get into a moving bus.
you should play safe games
do not play with matchsticks
do not these animals

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9.

Rocks and Minerals

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (b) earth 2. (a) rock 3. (c) slate 4. (a) fuel

B. Answer the following questions :

1. Where are rocks found ?

Ans. Rocks are found on the earth plant.

2. What are the different types of rocks ? Give their uses.

Ans. The different types of rocks are :

- ✿ Hard Rocks—Used for making Jewellery
- ✿ Layered Rocks—Used for making writing slates and roofs of the house.
- ✿ Smooth Rocks—Used for making floors and building

3. Name any two minerals.

Ans. The two minerals are :

Gold and Silver

4. What do you mean by gemstones ?

Ans. Gemstones are very hard minerals. They are cut in various shapes and polished. They are used in jewellery.

C. Fill in the blanks with the words given below :

1. smooth 2. marble 3. china clay 4. Delhi 5. everywhere

D. Tick (✓) the correct words :

1. hard 2. grey 3. Mica 4. Pure 5. Diamond

E. Match the following columns :

Column 'A' Column 'B'

- | | |
|-------------|--|
| 1. Talc | is a soft rock. |
| 2. Coal | is a black mineral. |
| 3. Diamond | is a hard rock, colourless and glassy. |
| 4. Graphite | is the softest known mineral. |
| 5. Marble | is a hard, white rock. |
| 6. Chalk | is the hardest mineral. |

ACTIVITY

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10.

Our Body and Exercises

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (b) shape 2. (c) bone 3. (b) 206 4. (c) muscles

B. Answer the following questions :

1. **How are our bones and muscles useful ?**

Ans. Bones are hard and they give support to our body. Muscles are soft and they help the bones to move.

2. **What is a joint ?**

Ans. A joint is the place where two bones join together.

3. **What is a good posture ? Explain while sitting ?**

Ans. Always sit straight on a chair, keep your back straight, keep your chest up, do not bend your shoulders.

4. **Why should we do exercise ?**

Ans. We should do exercise to make our muscles strong and keep our body healthy.

C. Fill in the blanks with the words given below :

1. skeleton 2. bones 3. muscles, healthy 4. shape 5. skin

D. Tick (✓) the correct words :

1. shape 2. 600 3. can 4. Exercise 5. sit

E. Match the following columns :

Column 'A'

Column 'B'

- | | |
|-------------|-------------------------|
| 1. Bones | 206 |
| 2. Muscles | soft |
| 3. Exercise | keeps our body fit. |
| 4. Skeleton | gives shape to our body |
| 5. Hard | bones |

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11.

Housing and Clothing

A. Multiple Choice Questions (MCQ) :

1. Tick (✓) the correct answer :

1. (b) hut 2. (b) heat 3. (c) bricks 4. (a) ice

B. Answer the following questions :

1. **Why do we need a house ?**

Ans. We need a house because :

- ✿ It protects us from heat and cold.
- ✿ It keeps us safe from animals.
- ✿ It protects us from thieves and robbers.

2. **What is a permanent house ? Name any three.**

Ans. The house which is designed to be pucca or solid is called permanent house. e.g. brick house, cement concrete house etc.

3. **Name any three materials used for building a house.**

Ans. The three material used for building a house are :

- ✿ Cement
- ✿ Bricks
- ✿ Steel

4. **Why do we wear clothes ? Name the clothes we wear in winter.**

Ans. We wear clothes to protect us from heat, cold and rain.

The clothes we wear in winter are :

- ✿ Sweaters and coats
- ✿ Jacket and Gloves
- ✿ Socks and Mufler.

C. **Fill in the blanks with the words given below :**

1. thieves 2. huts 3. Eskimos 4. flat 5. wear

D. **Tick (✓) the correct words :**

1. home 2. houseboats 3. good 4. drawing 5. winds

E. **Match the following columns :**

Column 'A'

1. A house boat
2. A caravan
3. Sloping roofs
4. A tent
5. A hut

Column 'B'

- floats on water
- is a house on wheels
- are built in places where it rains or snow falls alot.
- is used for camping in the open.
- is made up of bamboo, mud and hay

ACTIVITY

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12.

The Earth

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

Tick (✓) the correct answer :

1. (c) earth 2. (b) day 3. (a) life 4. (a) flat

B. **Answer the following questions :**

1. **What do you mean by rotation ?**

Ans. The earth spins like a top on its own axis. This process is called rotation.

2. **What is the earth ?**

Ans. The earth is the only planet where there is life.

3. **Write down the various forms of water.**

Ans. The various forms of water are :

(i) Solid (ice) (2) Liquid (3) Gas (vapour)

4. **How is the man a changing agent ?**

Ans. Man has changed the natural beauty of the earth to a great extent. He has built factories and huge buildings.

C. Fill in the blanks with the words given below :

1. day 2. smooth 3. mountains 4. sand 5. dams

D. Tick (✓) the correct words :

1. beautiful 2. air 3. sun 4. eight 5. water

E. Cross the add one out :

1. (c) hill 2. (b) man 3. (b) sun 4. (c) pond 5. (c) Nepal 6. (b) sun 7. (a) globe 8. (c) evening

ACTIVITY

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13.

The Sun, Moon and Stars

A. Multiple Choice Questions (MCQ) :

Tick (✓) the correct answer :

1. (c) gases 2. (a) sun 3. (b) opposite 4. (a) full 5. (a) hot

B. Answer the following questions :

1. What do you know about the sun ?

Ans. The sun is made up of hot burning gases. It is a big star and it gives us heat and light.

2. Write down the uses of sunlight.

Ans. The uses of sunlight are :

- ✿ The heat of sun is used by plants.
- ✿ It changes the water into water vapour.
- ✿ It helps our clothes to dry faster.
- ✿ It helps to ripen the crops.

3. What do you know about the moon ?

Ans. The moon is a natural satellite. It is much smaller than the sun and the earth. It is round in shape. It does not have light of its own. The moon shines at night.

4. What do you know about the stars ?

Ans. The stars are heavenly bodies. The stars are hot and bright. They have their own heat and light. They are very big in size but they look small because they are very far away from us.

C. Fill in the blanks with the words given below :

1. sun 2. vapour 3. moonlight 4. amavasya 5. light

D. Tick (✓) the correct words :

1. heavenly 2. day 3. sunlight 4. sunlight 5. eight

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Do yourself.
