

Natural Science

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Chapter-1 Plant Life

Section-A

A. What will you call the following :

1. Climbers, 2. Herbs, 3. Trees, 4. Shrubs

B. Match the columns :

1. Spinach : Herb
2. Cotton : Shrub
3. Money Plant : Climber
4. Banyan : Tree
5. Rice Plant : Herb

C. Answer the questions given below :

1. Very small plants are called Herbs. Their stems are soft and green in colour.
2. Climbers are so tender they cannot stand straight because they have thin and weak stems. Thus, climbers need support to climb up.

Chapter-2 Plants Give Us Food

Section-A

A. Match the plant to the food it gives :

- A : (C)
B : (D)
C : (A)
D : (B)

B. Which part of these plants do you eat ?

- (a) root (b) seeds (c) stem (d) fruit

C. Answer the following in the blank space :

1. Mint, 2. Turnip, 3. Grapevine, 4. Bread and Biscuits, 5. Cauliflower

D. The four parts of plants where they store food are :

- roots, leaves, seeds, stems

E. Potato, Onion and ginger are the plants which store food in their stems and we eat their stems.

Chapter-3 Plants Give Us Other Things

Section-A

A. What do they give ?

1. Medicines, 2. Paper, 3. Tyre, 4. Perfume, 5. Oil

B. Give one use of each of the following :

1. We make tables and chairs from wood.
2. We make tyres from rubber.
3. We use oil in cooking food.
4. We make bags from jute.

C. Answer the questions given below :

1. We get wood from the trunks and the branches of trees.
2. We get coconut oil by crushing seeds of this plant.
3. Plant gives us medicines, fruits, vegetable and they also give us fresh air to live. Thus, we should have plants around us.
4. Tulsi and Neem plants give us medicines.
5. Jasmin and rose plants give us perfume.

Chapter-4 Animal Life

Section-A

A. Feed the animals the right food :

- (a) Cow : (b) grass
(b) Snake : (a) rats
(c) Lion : (d) deer
(d) Elephant : (c) sugarcane

B. Fill in the blanks :

1. Fur, 2. Neck, 3. Fins, 4. Water, 5. Teeth, claws, 6. hump, 7. land, water

C. Name them by filling the missing letters :

1. Wings, 2. Giraffe, 3. Deserts, 4. Frog, 5. Camel

Chapter-5 Wild Animals

Section-A

A. Match the following :

- Snake : Hole in the ground
Bees : Beehive
Rabbit : Burrow
Tiger : Forests
Bird : Nest

B. Write the name of the following :

1. Tiger, Lion, Deer, Elephant, Giraffe
2. Nest
3. Burrow
4. Beehive
5. Elephants and Monkeys

C. Name the body parts for which the following animals are killed ?

1. Snake : For their skin

2. Crocodile : For their skin
3. Tiger : For skin, teeth and claws
4. Elephant : For their tusks
5. Rhinoceros : For their horns

D. Answer the questions given below :

1. Rabbit, deer, cow are the animals who eat plants.
2. Wolf, Tiger and Lion are the animals who kill and eat other animals.
3. Hyenas and vultures are the animals who eat dead animals killed by other animals.

Chapter-6 Domestic Animals

Section-A

A. Fill in the blanks to name the animal :

1. Donkey, 2. Ship, 3. Cow, 4. Hen, 5. Elephant, 6. Silkworm

B. Fill in the blanks. Choose the right words from those given in brackets :

1. domestic, 2. hen, 3. dogs, 4. cow, 5. kind

C. Answer the questions given below :

1. We get milk, meat and egg from the animals.
2. Animals give us many things like milk, egg, meat, leather etc. which is used by us for our daily life. Thus, we should be kind to animals.
3. We should give proper food to our pet animals at our home and we should also keep their body clean.

Chapter-7 Air

A. Fill in the blanks :

1. Air, 2. lighter, 3. wind, 4. Breeze, 5. less

B. Answer the questions given below :

1. Air is present everywhere in our surrounding.
2. A very strong wind is called gale. Gale has the power to uproot even very tall trees.
3. In absence of wind, a windmill can not work.

C. Mark (✓) the things that need air :

- Tonqa - (×)
 Iron - (×)
 Tyre - (✓)
 Baloon - (✓)
 Refrigerators - (×)

D. Write the sentences about air :

1. Air is everywhere in our surrounding. Air has weight.

2. We can fill things with air like baloon, tyre etc.
3. Windmill work only when there is wind.
4. We cannot see air. We can feel air when it moves.
5. Moving air can move our hair and clothes.

Chapter-8 What does air have ?

Section-A

A. Unjumble the letters to find things present in air :

1. Vapour, 2. Smoke, 3. Dust, 4. Oxygen, 5. Bacterias, 6. Germs

B. Match the columns :

1. Motor Vehicle : Smoke
2. Oxygen : Burning
3. Heating of water : Water vapour
4. Breathing : Oxygen
5. Sickness : Germs and Bacterias

C. Answer the questions given below :

1. Oxygen is used to stay alive for animals plants and human. Oxygen is used for burning.
2. The heat of the sun keeps changing water in our lakes, rivers and seas to water vapour. Thus, air always contains water vapour in it.
3. Air has smoke which is harmful for us and plant also.
Air has germs and bacterias which can make us sick.

Chapter-9 Water

Section-A

A. Mark (✓) for True and (×) for False statements :

1. (×), 2. (×), 3. (✓), 4.(×) 5.(✓)

B. Fill in the blanks :

1. Wells, tube wells, 2. Germs, 3. Machines, 4. Water

C. Name four sources from where we can get water :

1. Rivers, 2. Lakes, 3. Ponds, 4. Streams

D. We get the water from rain.

E. We need water to live bath and to wash our clothes.

- F. We can not live without water. Thus, we should not waste water.
- G. We should never leave taps open when we don't need water.

Chapter-10 Forms of Water

Section-A

- A. There are differences between solid and liquids. Give the examples of each in the table given below :

Solid	Liquid
1. Ice	Water
2. Sand	Blood
3. Rock	Alcohol
4. Coin	Milk
5. Glass	Coffee

- B. Write 'heating' or 'cooling' on the arrows. One of them is done for you :

Water $\xrightarrow{\text{Cooling}}$ Ice

Water $\xrightarrow{\text{Heating}}$ Water Vapour

Ice $\xrightarrow{\text{Heating}}$ Water

Water Vapour $\xrightarrow{\text{Cooling}}$ Water

- C. Mark (✓) for True and (×) for False statement :
- (×)
 - (✓)
 - (✓)
 - (✓)
 - (×)
- D. When water is heated, it changes into a gas. This gas is called steam or water vapour.
- E. Rain water goes into lakes, rivers and seas.
- F. When it is very cold in the clouds, the water vapour freezes suddenly. The water vapour does not change into water droplets. It turns into snowflakes.

Chapter-11 Sun, Moon, Stars And Earth

Section-A

- A. Who Am I ?
- Water,
 - Stars,
 - Sun,
 - Moon
- B. Match the columns :
- Sun - brightest object in the sky
 - Moon - gets light of the sun
 - Earth - huge blue ball
 - Day - portion of earth facing the sun
- C. Answer the questions given below :
- If there were no sun, the earth would have

- been very dark and cold. Thus, the sun is useful for living creatures.
- The moon has no light of its own. It shines because the sunlight falls on it.
 - The spinning of the earth causes the occurrence of the day and night.
 - The portion of earth without facing the sun is called night.
 - The stars exist in the sky during day too. We cannot see them because of the bright sunlight.

Chapter-12 Light And Shows

Section-A

- A. Mark (✓) for True and (×) for False statement :
- (✓)
 - (×)
 - (✓)
 - (×)
 - (✓)
- B. Fill in the blanks :
- bounces,
 - morning, evening,
 - midday,
 - reflection,
 - long, short
- C. When the bounced light falls on our eyes, we can see the things in our surrounding. This is called reflection of light.
- D. Shadow is formed when something comes in the way of light.

Chapter-13 What are things made of ?

Section-A

- A. What are the following made up of ?
- rubber,
 - wood,
 - wood,
 - glass,
 - wood,
 - leather,
 - plastic,
 - paper
- B. Write any two uses of each of the following things :
- Glass : Glass is used to make window panes and tablewares (like bowl, cup etc.).
 - Paper : Paper is used to make books and sheets.
 - Rubber : Rubber is used to make tyres and toys.
 - Leather : Leather is used to make bags and jackets.
- C. Where do we get the following from :
- rubber, metal, plastic, wood
- D. Answer the questions given below :
- Aeroplane, tools, machines and utensils are the things which are made from metals.
 - (a) We get paper from bamboo tree.
(b) We get rubber from rubber tree.

- (c) We get leather from skin of animals.
 (d) We get nylon fibre from things dug out from the earth.

Chapter-14 Rocks

Section-A

- A. Write the name of the following :**
 1. Diamond, 2. Diamond, 3. Graphite, 4. White marble
- B. Write one use each of the following rocks :**
 Graphite : It is used to make the lead of pencils.
 Diamond : It is used to make jewellery.
 Sandstone : It is used to make statues.
 Coal : It is used for electricity generation.
- C. Write the missing letters so as to complete the spelling of rock :**
 1. Marble, 2. Granite, 3. Coal, 4. Graphite, 5. Diamond, 6. Chalk
- D. Answer the questions given below :**
 1. Our earth is a huge ball of rocks and soil.
 2. Write one use each of the following rocks :
 (a) Diamond is use to make jewellery
 (b) Coal is used to generate electricity
 (c) Chalk is used for cleaning and polishing
 (d) Graphite is used to make 'lead' of pencil.
 (e) Marble is used to make statues.
 (f) Granite is used to make floors in home.

Chapter-15 Our Houses

Section-A

- A. What is the use of the following things in the construction of buildings :**
 1. Wood are used to make doors in buildings.
 2. Cement are used to make walls in buildings.
 3. Glass are used to make windows in buildings.
 4. Steel are used to make roofs in buildings.
- B. Name the following :**
 1. Igloos, 2. Camper
- C. Answer the questions given below :**
 1. Our houses give us shelter from the sun, rain and wind. It also protects us from animals and theives. Thus, we all need a house.
 2. There are some places, where it rains a lot. Therefore, the people build houses on stilts to keep them dry and safe.

3. A very large number of people live and work in cities. There is always shortage of land. Many flats can be built on a small plot of land. This is the reason why many people live in flats in cities.
4. A tent house or a camper are the houses which can be moved from place to place.

Chapter-16 Bones And Muscles

- A. Solve the crossword puzzle to name these :**
 1. Muscles, 2. Joint, 3. Bones, 4. Skin, 5. Skeleton
- B. Answer the questions given below :**
 1. Write one sentence each about the following :
 (a) The soft part of the body are muscles
 (b) There are more than 200 bones in our body
 (c) The skeleton gives our body its shape
 (d) Bones are joined together at the joints.

Chapter-17 Our Food

- A. Mark (✓) for True and (×) for False statements :**
 1. (✓), 2. (✓), 3. (✓), 4. (×), 5. (✓)
- B. Look at the pictures and say whether they help us grwo (4), give you energy (E) or help you fight dseases: (D), (G), (E), (E), (D), (D)**
- C. Match the columns :**
 1. Milk and milk products—Build one bones
 2. Fruits and vegetables—Fight disease
 3. Eating of less food—Weak body
 4. Store food—Refrigerator
- D. Answer the questions given below :**
 1. Different food gives us different nutrition. That is why, we should eat different types of food to remain healthy.
 2. Milk and milk made products help our body grow.
 3. Food like rice, bread, chapatis, potatoes, dosas, oil and butter give us energy.
 4. Fruits and vegetable help us to fight diseases.
 5. If we eat dirty food we will fall sick. Because there are germs and bacterias in dirty food. They harm our body.

6. Foods like fruits, vegetables and meat go bad very soon. Thus, they should be kept in a refrigerator.

Chapter-18 Safety First

Section-A

- A. Mark (✓) for safe and (×) for dangerous statement :**

1. (×), 2. (×), 3. (×), 4. (×), 5. (✓), 6. (×)

- B. Answer the questions given below :**

1. Zebra crossing helps us to cross the road safely.
2. We should treat them kindly.

Chapter-19 Our Environment

Section-A

- A. Choose the correct word and fill in the blanks :**

1. Clean, 2. dirties, 3. pollutes, 4. sick, 5. sick

Model Test Paper-1

- A. Match the columns :**

1. Lavender : perfumes
2. Polar bear : cold places
3. Giraffe : forest
4. Tigere : Flesh of other animals
5. Oxygen : burning
6. Wild animals : Forest

- B. Fill in the blanks :**

1. Fins, 2. Seeds, 3. Cow, 4. Deserts, 5. Horns, 6. Dust, 7. Sharp, 8. Gale

- C. Answer the questions given below :**

1. We get our food from plants.
2. (a) Food : Hen, Cow
(b) Fibre : Sheep, Silk-worm
3. Frog, Turtles and Crocodiles are such animals who can live on land and water both.
4. Tulsi, Neem, Aloe vera and Eucalyptus are such plants from whom we can receive medicines.
5. Air is everywhere in our surrounding. But we cannot see it. We can feel air only when it moves. Air is necessary for burning. With the use of air we can generate electricity. Thus, air is so important for us.

6. We get water from Rain, Rainfall fills our rivers, lakes, ponds and streams.

Model Test Paper-2

- A. Match the following :**

Sun : Brightest object in the sky
Light : Help us to see things
Glass : Made from sand
Diamond : Hardest rock
House of Eskimo : Igloo

- B. Fill in the blanks :**

1. Water vapour, 2. Sun, 3. Paper, 4. Refrigerator, 5. Doctor, 6. Graphite, 7. 200, 8. Energy

- C. 1.** If there were no sun, the earth would have been very cold and dark. Thus, the sun is useful for living creatures.

- 2.** Shadow is formed when something comes in the way of light.

- 3. (a) Metals :** We use metals to make utensils, tools and machine.

(b) Wood : We use wood to make table, chair and window of a house.

(c) Plastic : We use plastic to make chair, tiffin box and bucket.

- 4.** A tent, A camper, Igloos and houseboats are the kinds of houses.

- 5.** The healthy ways of eating are :

(a) We should eat clean and fresh food.

(b) We should clean our hands with soap and water before eating our food.

- 6.** While crossing the road we should remember to cross the road only at the zebra crossing. We should cross the road only when the road is clear.