



# A Book of Environmental Studies Planet

2



**Solution Manual**



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# 1 About Me

## EXERCISE

### A. Tick (3) the correct option.

- Everyone grows old after some \_\_\_\_\_.  
(a) days ☐ (b) years ☒ (c) hours ☐
- A new born is called :  
(a) baby ☒ (b) girl ☐ (c) adult ☐
- At our \_\_\_\_\_ we become adults.  
(a) 16's ☐ (b) 20's ☒ (c) 22's ☐
- The period when teenagers become mature :  
(a) teenagers ☐ (b) baby ☐ (c) adult ☒
- When we are \_\_\_\_\_ years old, we become teenagers.  
(a) 13 ☒ (b) 15 ☐ (c) 17 ☐

B. Do yourself.

C. Do yourself.

### D. Answer the following questions.

- Children between age of thirteen to nineteen years called teenagers.
- We look same and different from each other because some have brown eyes, while some have black and some are tall, while some are short.
- We born as babies. We grow into kids and then in children. When we are 13 years old, we become teenagers. At our 20's, we become adults.

# 2 My Body

## EXERCISE

### A. Tick (3) the correct option.

- It is an external organ :  
(a) nose ☒ (b) lungs ☐ (c) stomach ☐

2. It is an internal organ :  
 (a) hands ☐ (b) leg ☐ (c) heart ☒
3. It is the control center of our body :  
 (a) brain ☒ (b) bone ☐ (c) stomach ☐
4. Nose helps us to :  
 (a) see ☐ (b) smell ☒ (c) feel ☐
5. The \_\_\_\_\_ helps us to digest food.  
 (a) stomach ☒ (b) muscles ☐ (c) brain ☐

**B. Fill in the blanks.**

feel, organs, external organs, head, heart

1. Our body is made up of **organs**.
2. Eyes, nose, ears and neck are **external organs**.
3. Sense organs help us **feel** the world around us.
4. The brain is inside the **head**.
5. The **heart** pumps blood to all parts of the body.

**C. Write T for true or F for false.**

- |  |              |
|--|--------------|
| 1. Internal body parts are outside the body.         | <b>False</b> |
| 2. The hands help us to run, jump, walk and dance.   | <b>False</b> |
| 3. The neck helps us to move our head up and down.   | <b>True</b>  |
| 4. Bones and muscles give shape and support to body. | <b>True</b>  |
| 5. The stomach helps us to digest food.              | <b>True</b>  |

**D. Match the organ with its work.**

- |            |   |                |
|------------|---|----------------|
| 1. Brain   | — | a. To taste    |
| 2. Heart   | — | b. To breathe  |
| 3. Lungs   | — | c. To think    |
| 4. Stomach | — | d. To digest   |
| 5. Tongue  | — | e. Pumps blood |

**E. Answer the following questions.**

1. Organs that are outside and can be seen by us are called external organs. Eyes, ears, nose, neck and legs are our external organs.
2. Parts of the body that help us feel the world around us are called sense organs.
3. Brain helps us to think, learn and remember things.
4. Heart pumps blood to all parts of the body.
5. Stomach useful to us because it help us to digest food.



## Eat Healthy Stay Healthy



### EXERCISE

#### A. Tick (3) the correct option.

- We all need food to :  
(a) live ☐ (b) grow ☐ (c) both of these ☒
- We should drink \_\_\_\_\_ for strong bones and teeth.  
(a) water ☐ (b) milk ☒ (c) cold drink ☐
- It is a protective food :  
(a) fruit ☐ (b) vegetable ☐ (c) both ☒
- We should wash our hands with \_\_\_\_\_ before eating food.  
(a) shampoo ☐ (b) soap ☒ (c) mud ☐
- Which of these keeps us healthy?  
(a) veg burger ☐ (b) chocolate ☐ (c) balanced diet ☒

#### B. Fill in the blanks.

dust, sick, diseases, Body-building food, over eat

- Fruits and vegetables help us to fight against **disease**.
- Body-building food** makes us strong.
- Stale food makes us **sick**.
- Uncovered food contains **dust** and germs.
- Do not **over eat**.

#### C. Write the following food items in the correct boxes.

kidney beans, milk, sugar, potato, spinach, rice, eggs, beans, cornflakes

Energy-giving food	Body-building food	Protective food
Sugar, rice, cornflakes	Milk, eggs, kidney beans	Spinach, beans, Potato

#### D. Answer the following questions.

- We all need food to live and grow.
- Different kinds of food helps us in different ways, Such as energy giving foods, body building foods, protective foods.
- We should eat only fresh food because stale food can make us sick.

4. There good food habits are :
  - Wash your hands with soap and water before eating.
  - Eat only fresh food.
  - Do not overeat. It can make you ill.
5. • Milk and eggs are body building foods.  
• Nuts and fruits are protective foods.
6. A diet that provides energy, fight against diseases and helps us to grow called balance diet.



## 4 Our Neighbourhood



### EXERCISE

#### A. Tick (3) the correct option.

1. The people living in our neighbourhood are called our :  
(a) family ☐ (b) teachers ☐ (c) neighbours ☒
2. Grocery shop sells :  
(a) pulses ☒ (b) fruits ☐ (c) breads ☐
3. It has many doctors and nurses :  
(a) post office ☐ (b) bank ☐ (c) hospital ☒
4. We can keep our valuables safe in a :  
(a) park ☐ (b) bank ☒ (c) market ☐
5. If there is a fire, we inform the :  
(a) fire station ☒ (b) police station ☐ (c) hospital ☐

#### B. Fill in the blanks.

market, ambulance, bank, post office, neighbours

1. Good **neighbours** help each other in times of need.
2. A **market** has many shops that sell a variety of things.
3. We go to a **post office** to buy envelopes, stamps and postcards.
4. A hospital has an **ambulance** to bring sick and injured people.
5. A **bank** is a place where people keep their money.

#### C. Write T for true or F for false.

1. The people living in our neighbourhood are called our neighbours.

True

- |  |              |
|--|--------------|
| 2. A park has lots of trees and plants.                      | <b>True</b>  |
| 3. Policemen and policewomen work from the post office.      | <b>False</b> |
| 4. We can deposit money or take out saved money from a bank. | <b>True</b>  |
| 5. We can dial 102 to call up the fire station.              | <b>False</b> |

**D. Answer the following questions.**

- Good neighbour help each other in times of need.
  - Neighbours celebrate all festivals and special occasions together.
- Fruits, vegetables, rice, bread and medicines are these five things that we buy from a market.
- We go to a postoffice to buy envelopes, stamps and postcards.
- A fire station has red coloured vans called fire engines that fire-fighters use to put out a fire.
- The place where we live called neighbourhood and the area around our house is called our neighbourhood.



## 5 Housing and Clothing



### EXERCISE

**A. Tick (3) the correct option.**

- The roof of a kutchra house is made up of \_\_\_\_\_.  
 (a) stones ☐ (b) thatch ☐ (3) (c) tiles ☐
- There are mainly \_\_\_\_\_ types of houses.  
 (a) two ☐ (3) (b) three ☐ (c) four ☐
- Pucca houses are made of \_\_\_\_\_.  
 (a) bricks ☐ (b) cement ☐ (c) both ☐ (3)
- Cotton clothes are worn in \_\_\_\_\_.  
 (a) summer season ☐ (3)  
 (b) winter season ☐  
 (c) monsoon ☐
- A raincoat is worn in \_\_\_\_\_.  
 (a) summer season ☐  
 (b) winter season ☐  
 (c) rainy season ☐ (3)

**B. Fill in the blanks.**

cloth, flats, pucca, wool, cotton fibre

1. Houses in tall buildings are called **flats**.
2. **Pucca** houses are permanent houses.
3. **Wool** is obtained from sheep.
4. We get **cotton fibre** from cotton plants.
5. A tent is made of **fibre**.

**C. Write T for true or F for false.**

- |  |              |
|--|--------------|
| 1. Pucca houses are made of mud.               | <b>False</b> |
| 2. A bungalow has many houses in one building. | <b>False</b> |
| 3. Igloos are made up ice blocks.              | <b>True</b>  |
| 4. Tents move on wheels.                       | <b>False</b> |
| 5. During rain, we wear raincoat.              | <b>True</b>  |

**D. Write one word for the following.**

- |                                 |                    |
|---------------------------------|--------------------|
| 1. A place where we live        | <b>House</b>       |
| 2. Houses made of mud and straw | <b>Kutch house</b> |
| 3. Houses made of blocks of ice | <b>Igloo</b>       |
| 4. Houses on wheels             | <b>Caravans</b>    |
| 5. Houses made of thick cloth   | <b>Tents</b>       |

**E. Answer the following questions.**

1. A house protect us from different weather conditions, stray animals and thieves. Clothes covered our body and protect all weather conditions.
2.
  - A house made of bricks and cement is called Pucca house.
  - A house made of mud and straw is called Kutch house.
3. The houses which float on water are called houseboats.
4. In summer season, we wear cotton clothes. These clothes keep our body cool by absorbing sweat.
5. We get wool from sheep.

## 6

## Let Us Be Safe

### EXERCISE

**A. Tick (3) the correct option.**

1. Saving ourselves from danger or risks is called :  
(a) accident    ☐ (b) punishment    ☐ (c) safety    3



2. Playing with fire and electricity can be very :  
 (a) dangerous ☒ (b) exciting ☐ (c) good ☐
3. Always play :  
 (a) on road ☐ (b) in terraces ☐ (c) at a safe place ☒

**B. Fill in the blanks.**

medicines, moving, match box, road

- Do not play with **match box**.
- Never taste **medicines** unnecessarily.
- Do not board a **moving** bus.
- Do not play on the **road**.

**C. Write T for true or F for false.**

- |   |              |
|---|--------------|
| 1. Safety rules are for our safety.                 | <b>True</b>  |
| 2. Always get in a moving bus.                      | <b>False</b> |
| 3. We should tease animals.                         | <b>False</b> |
| 4. Never play tricks while cycling.                 | <b>True</b>  |
| 5. If the light is green, we should cross the road. | <b>True</b>  |

**D. Answer the following questions.**

- Safety means to protect ourselves from danger or risk.
- To stay safe we should follow safety rules on the road, at home and while playing.
- We must always cross the road at zebra crossing. Where there is no zebra crossing wait until the road is clear.
- We should knives and scissors use only in the presence of our elders because they are sharp and they can hurt us.
- We should not play on open terrace because we can fall down on the ground.



## Celebrating Together



### EXERCISE

**A. Tick (3) the correct option.**

1. People pray to Goddess Lakshmi and Lord Ganesha on \_\_\_\_\_.  
 (a) Eid ☐ (b) Diwali ☐ (c) Christmas ☒

2. \_\_\_\_\_ is the religious festival of the Christians.  
 (a) Christmas ☒ (b) Gurupurab ☐ (c) Pongal ☐
3. Pongal is a three-day festival of \_\_\_\_\_.  
 (a) Tamil Nadu ☒ (b) Kerala ☐ (c) Punjab ☐
4. \_\_\_\_\_ is celebrated on 26 January every year.  
 (a) Independence Day ☐  
 (b) Republic Day ☒  
 (c) Gurupurab ☐

**B. Write T for true or F for false.**

1. Eid is celebrated at the end of the holy month of Ramzan. **True**
2. Gurupurab is celebrated to mark the birthdays of the Sikh gurus. **True**
3. Bihu is celebrated in Kerala for a rich harvest. **False**
4. Our Prime Minister hoists the national flag on Gandhi Jayanti. **False**
5. Lohri is celebrated every year in the month of January. **True**

**C. Answer the following questions.**

1. People wear new clothes, eat special food, celebrate and have a good time during festivals.
2. People celebrate diwali to decorate their houses with lights, diyas and they wear new clothes and exchange sweets and gifts.
3. Muslims celebrate Eid. They wear new clothes and meet their family friends and wish each other 'Eid Mubarak'.
4. Christmas is celebrated on 25th December every year to mark the birth of Jesus Christ.
5. Pongal, onam, bihu and lohri are the harvest festivals which are celebrated in different parts of our country.
6. Gandhi Jayanti is celebrated on 2 october. It marks the birthday of Mahatma Gandhi, the father of the nation.

## 8

## Means of Transport

### EXERCISE

**A. Tick (✓) the correct option.**

1. Land transport includes vehicles that move on :  
 (a) water ☐ (b) land ☐ (c) air ☒

2. It is a water transport :  
 (a) car ☐ (b) bus ☐ (c) steamer ☐ 3
3. It is the fastest means of transport :  
 (a) train ☐ (b) ship ☐ (c) aeroplane ☐ 3
4. All vehicles run on :  
 (a) electricity ☐ (b) air ☐ (c) fuel ☐ 3

**B. Fill in the blanks.**

sea, smoke, autorickshaws, fastest, motorcycles, metro-train

1. **Motorcycles** and **autorickshaws** are used to travel short distances.
2. In India, **metro train** is the latest means of transport.
3. Ships are used for long distance travel in the **sea**.
4. An aeroplane is the **fastest** means of transport.
5. Most fuels give out harmful **smoke** while burning.

**C. Write T for true or F for false.**

1. The invention of wheel has made travelling easier. **True**
2. A car carries thousands of people from one place to another. **False**
3. Water transport includes vehicles that move on land. **False**
4. Motor boats are bigger than a boat, but smaller than a ship. **True**
5. Some vehicles like bicycles and rickshaws do not need any fuel. **True**

**D. Answer the following questions.**

1. Before the wheel was invented, people travelled from one place to another on foot.
2. We decide the use of vehicle on the basis of distance, fare, comfort and time it takes to reach the destination.
3. Helicopters are used for carrying people and things.
4. Anything that produces heat or power when burnt called fuel such as petrol, diesel, etc.
5. Some animals like camels, horses, elephants, oxen and donkey were tamed to carry people and goods.
6. Boats, ships and steamers are the means of water transport.

# 9

## Know the Plants Around You

### EXERCISE

#### A. Tick (3) the correct option.

1. What kind of plants are trees?
 

☒ (a) Big and tall  
☐ (b) Short and weak  
☐ (c) None of these
2. Which of these is not a feature of shrubs?
 

☐ (a) They are big and tall  
☒ (b) They have many branches  
☐ (c) Their branches grow close to the ground
3. Which of these is a group of herbs?
 

☐ (a) Rose, cotton, jasmine  
☐ (b) Coconut, pine, gulmohar  
☒ (c) Mint, tulsi and grass

#### B. Fill in the blanks.

tulsi, shrubs, cactus, creeper, trees

1. Big, strong and tall plants are called **trees**.
2. Small woody plants with many branches are called **shrubs**.
3. **Tulsi** is a herb.
4. Pumpkin is a **creeper**.
5. Plants like **cactus** grow in deserts.

#### C. Name two of each of the following.

- |                 |                    |                   |
|-----------------|--------------------|-------------------|
| 1. Trees        | <b>Neem</b>        | <b>Banyan</b>     |
| 2. Shrubs       | <b>Rose</b>        | <b>Jasmine</b>    |
| 3. Creepers     | <b>Watermelon</b>  | <b>Pumpkin</b>    |
| 4. Climbers     | <b>Money plant</b> | <b>Grapevine</b>  |
| 5. Water plants | <b>Lotus</b>       | <b>Water lily</b> |

#### D. Match the following.

- |                 |                   |
|-----------------|-------------------|
| 1. Water plant  | a. Coriander      |
| 2. Shrub        | b. Water hyacinth |
| 3. Herb         | c. Banyan         |
| 4. Tree         | d. Cactus         |
| 5. Desert plant | e. Hibiscus       |

**E. Answer the following questions.**

1. Different types of plants are : trees, herbs, shrubs, climber and creepers.
2. Trees are big and tall plants. They have a hard and thick woody stem.
3. Climbers like money plant and grapevine take the support of other objects because they have weak stems.
4. The stem of the cactus is thick and fleshy because it stores water.
5. Plants like lotus and water hyacinth are grow in water or on water called aquatic plants.
6. Trees that grow on mountains are pine and fir. These trees leaves are long and thin, like needles.

**10**

## Plants are Useful for Us



**A. Tick (3) the correct option.**

1. It is an example of cereal :  
(a) radish ☐ (b) rice ☒ (c) urad ☐
2. The root of this plant is eaten as vegetable :  
(a) onion ☐ (b) ginger ☐ (c) carrot ☒
3. We get fibres from :  
(a) cotton ☐ (b) jute ☐ (c) both of these ☒
4. We use rubber to make :  
(a) erasers ☒ (b) bags ☐ (c) chair ☐
5. They add taste, colour and aroma to our food :  
(a) coffee beans ☐ (b) spices ☒ (c) oils ☐

**B. Fill in the blanks.**

root, rubber, bamboo, jute, cotton, flax, kikar

1. We get paper from **bamboo** tree.
2. Rubber plant gives us **rubber**.
3. **Kikar** plant gives us gum.
4. **Cotton**, **jute** and **flax** plants give us fibres.
5. Carrot is a **root**.

**C. Match the following.**

- |          |   |                |
|----------|---|----------------|
| 1. Pulse | → | a. Kikar       |
| 2. Spice | → | b. Jute        |
| 3. Fibre | → | c. Bamboo tree |
| 4. Paper | → | d. Cardamom    |
| 5. Gum   | → | e. Moong       |

**D. Write T for true or F for false.**

- |  |              |
|--|--------------|
| 1. Radish plant gives us grain.                | <b>False</b> |
| 2. Rice is a cereal.                           | <b>True</b>  |
| 3. Cotton plant gives us jute fibres.          | <b>False</b> |
| 4. Sugar is made from the juice of tea leaves. | <b>False</b> |
| 5. We get gum from the kikar tree.             | <b>True</b>  |

**E. Answer the following questions.**

- Potato, onion and ginger stems are eaten.
- We get most of our food from plants.
- Plants like, Tulsi, Turmeric and Neem are used in medicines.
- Eucalyptus, babul and bamboo trees give us paper.
- Four uses of plants are given below :
  - We get food grains from plants.
  - We get vegetables from plants.
  - We get oil from plants.
  - We get fibres such as cotton, jute and flax from different plants.

# 11

## Animals are Useful for Us

### EXERCISE

**A. Tick (3) the correct option.**

- \_\_\_\_\_ is a domestic/farm animal.  
(a) Lion ☐ (b) Tiger ☐ (c) Cow ☒
- Silkworm gives us :  
(a) Milk ☐ (b) Silk ☒ (c) Wool ☐
- \_\_\_\_\_ is a very faithful animal.  
(a) Dog ☒ (b) Monkey ☐ (c) Lion ☐

4. Animals that give us milk are called :
- (a) domestic animals ☐
- (b) pet animals ☐
- (c) milch animals ☒
5. It is a beast of burden :
- (a) cow ☐ (b) camel ☐ (c) goat ☒

**B. Fill in the blanks.**

guard, horses, oxen, milch

- Milk giving animals are called **milch** animals.
- The **oxen** help the farmers at their farm.
- Camels and **horses** are used for riding.
- Dogs **guard** our homes and fields.

**C. Write T for true or F for false.**

- Bees give us honey. **True**
- We get leather from hen. **False**
- Donkey is used to carry loads. **True**
- Horse plough the field. **False**

**D. Name two animals that give us the following things.**

- Meat **Goat** **Sheep**
- Milk **Cow** **Buffalo**

**E. Answer the following questions.**

- Animals that we tame to keep at our homes or on farms are called domestic animals.
- Milk is used for to make cheese, butter, ghee, ice cream and curd.
- Some animals who help us to carry heavy loads called beast of burden such as : horses, camels, donkeys, elephants and bullocks.
- An oxen helps a farmer to plough his fields for farming.
- Jacket, belt, shoe, wallet and bags are made from leather.
- Yes, some animals like elephants, monkeys, lions, etc. are used in circus and zoo to entertain for us.

# 12

## Wild Animals in the Forest

### EXERCISE

#### A. Tick (3) the correct option.

1. Wild animals are generally found in :  
 (a) dense forests ☒ (b) parks ☐ (c) hospitals ☐
2. Aquatic animals can live only in/on :  
 (a) air ☐ (b) soil ☐ (c) water ☒
3. Carnivores eat only :  
 (a) plants ☐  
 (b) flesh of other animals ☒  
 (c) remains of dead animals ☐
4. Bears and lions live in :  
 (a) caves ☐ (b) dens ☐ (c) both of these ☒
5. Animals that can live comfortably both on land and in water are called:  
 (a) wild animals ☐ (b) carnivores ☐ (c) amphibians ☒

#### B. Fill in the blanks.

burrow, herbivores, carnivores, web, jackal, elephant

1. **Elephant** is a big animal.
2. Plant-eating animals are called **herbivores**.
3. **Jackal** eats the remains of dead animals.
4. **Carnivores** are flesh-eating animals.
5. Rabbits live in **burrow**.
6. A spider spins a **web** for itself.

#### C. Write T for true or F for false.

1. The vulture eats both plants and flesh of dead animals. **False**
2. Bears live in dens. **True**
3. The tiger lives in a dens. **True**
4. Animals that eat only meat are called carnivores. **True**
5. Snakes live in nests. **False**
6. Jackal is a herbivore. **False**



**D. Match the following.**

- |                             |   |                                   |
|-----------------------------|---|-----------------------------------|
| 1. Elephants                | — | a. Both plants and flesh          |
| 2. A vulture eats           | — | b. Plants                         |
| 3. A giraffe eats           | — | c. Dead animals                   |
| 4. A bear eats              | — | d. Forests                        |
| 5. Wild animals live in the | — | e. Live under the shade of a tree |

**E. Answer the following questions.**

1. Cow, horse, zebra are wild animals that eat only grass.
2. Two big wild animals are : Elephant and Hippopotamus.
3. Some animals like lion, wolf, crocodile kill other animals and eat their flesh.
4. Bears and lions live in caves and dens.
5. Birds live in nests.
6. Monkeys and squirrel live on trees.
7. Two omnivores are : bear and crow.

# 13

## Air is Everywhere



**A. Tick (3) the correct option.**

1. We need \_\_\_\_\_ to breathe in.  
(a) air ☒ (b) water ☐ (c) none of these ☐
2. Cars, buses and trains let out \_\_\_\_\_ in the air.  
(a) oxygen ☐ (b) carbon dioxide ☐ (c) smoke ☒
3. We must breathe \_\_\_\_\_ air.  
(a) clean ☐ (b) fresh ☐ (c) both of these ☒
4. Fast blowing wind is called \_\_\_\_\_.  
(a) air ☐ (b) breeze ☐ (c) storm ☒

**B. Fill in the blanks.**

dirty, gases, air, gliders, pressure

1. **Air** is present all around us.
2. Air is a mixture of **gases**.
3. **Dirty** air makes us ill.
4. Air exerts **pressure**.
5. The force of wind makes **gliders** glide.

**C. Write T for true or F for false.**

- |                                  |       |
|----------------------------------|-------|
| 1. Air is present all around us. | True  |
| 2. Air is colourful.             | False |
| 3. Clean air can make us ill.    | False |
| 4. Air contains water vapour.    | True  |

**D. Answer the following questions.**

- We need air to breathe in. Because we cannot stay alive without air.
- Air contains gases, smoke, germs and water vapours.
- A football full of air is heavier because it is filled with air. So we can say that air has weight.
- When wind blows softly, it is called breeze.  
When wind blows fast, it is called storm.
- Two uses of wind are :
  - It is used to run wind mills.
  - The force of wind also make gliders glide.

## 14

## Water : Our Lifeline



**A. Tick (3) the correct option.**

- \_\_\_\_\_ is the main source of water.  
(a) rain      ☒ (b) well      ☐ (c) ponds      ☐
- Water from lakes and wells is known as \_\_\_\_\_.  
(a) rainwater      ☐  
(b) surface water      ☒ **3**  
(c) underground water      ☐
- We should drink only \_\_\_\_\_ water.  
(a) clean      ☐ (b) fresh      ☐ (c) both      ☒ **3**
- We need water to \_\_\_\_\_.  
(a) drink      ☒ **3** (b) breathe      ☐ (c) eat      ☐

**B. Fill in the blanks.**

potable, snow, basic, waterworks, wells

- Water is our **basic** need.
- Snow** in mountains melts to form water.

3. We dig **wells** to get the underground water.
4. Tap water is made pure in **water works** before it reaches our homes.
5. **Potable** water is fit for drinking.

**C. Write T for true or F for false.**

- |  |              |
|--|--------------|
| 1. Rain is the main source of water.       | <b>True</b>  |
| 2. Some animals do not need water to live. | <b>False</b> |
| 3. River water is safe to drink.           | <b>False</b> |
| 4. Filtered water is safe to drink.        | <b>True</b>  |
| 5. We should store water when it rains.    | <b>True</b>  |

**D. Identify the following sources of water.**



Hand Pump



Well



River



Lake

**E. Match the following.**

- |                        |   |                         |
|------------------------|---|-------------------------|
| 1. Rain                | — | a. Underground water    |
| 2. Wells               | — | b. Water borne diseases |
| 3. Potable water       | — | c. Main source of water |
| 4. Cholera and typhoid | — | d. Safe for drinking    |

**F. Answer the following questions.**

1. We can make water fit for drinking by boiling or filtering.
2. Water is our basic need?
3. We get water from many sources such as : rivers, ponds, lakes. Rain is the main source of water.
4. People throw waste material in to the ponds and rivers. So pond water is not fit for drinking.
5. We need water to drink, to cook food, and to keep ourselves and our surroundings clean. These are the various uses of water.
6. We can bring out this water by digging wells, tubewells or hand pumps.

**15**

## The Earth and Its Friends



**A. Tick (3) the correct option.**

1. Two things that are very essential for life are :

- (a) air and water ☒ 3  
 (b) gold and diamond ☐  
 (c) iron and silver ☐
2. How is the surface of the Moon?  
 (a) Hot and wet ☐  
 (b) Shiny and humid ☐  
 (c) Cold and dry ☒ 3
3. Which is the closest star to the Earth?  
 (a) Sun ☒ 3 (b) Moon ☐ (c) None of these ☐
4. The Moon has :  
 (a) air ☐ (b) water ☐ (c) craters ☒ 3
5. Rockets will take \_\_\_\_\_ of years to reach to the nearest star.  
 (a) hundreds ☐ (b) thousands ☐ (c) only one ☒ 3

**B. Fill in the blanks.**

flat, month, hot, natural, eight

- The full Moon is seen only once in a **month**.
- The shape of the Earth is not **flat**.
- The Moon is the **natural** satellite of the Earth.
- The stars are **hot** and bright.
- There are **eight** planets in the solar system.

**C. Write T for true or F for false.**

- There is life on the Earth because of the Moon. **False**
- There is life on Moon also. **False**
- We see different shapes of Moon. **True**
- All stars give us heat and light. **False**
- Full Moon is seen once in a month. **True**

**D. Answer the following questions.**

- Air and water present only on the earth. So there is life on earth.
- There is no air and water on the moon, so there is no possibility of life.
- The shape of the Moon appears to change everyday and every night. We see different shapes of the moon. These are called the phases of Moon.
- Stars are very big in size, but they look very small because they are far away from the earth.
- We can see the Moon and the stars only during night time.
- The Earth, Moon, Sun and stars are known as heavenly bodies.
- The Earth is one of the eight planets present in the solar system.
  - The Earth is the only planet where life is possible.