



Section 3 : Formative Assessment (CCE Pattern)

Project

Ans. Do yourself



## 2 Parts of a Plant



### Exercise

Section 1 : Formative Assessment (CCE Pattern)

1. **Oral Questions :**

- Ans. a. Carrot and Radish. b. Potato and Sugar cane.  
c. Plants after photosynthesis prepare food for us and release oxygen.

2. **Tick (3) the correct answer :**

- Ans. a. (iii) b. (i)

3. **Name these :**

- Ans. a. Part of the plant above the ground.  
b. A substance that gives leaves their green colour. **Chlorophyll**  
c. Tiny openings present on a leaf that help in exchange of gases. **Stomata**

4. **Identify the pictures and write their names :**

Ans.



Spinach



Cauliflower



Fibrous root



Beet root

Section 2 : Summative Assessment (CCE Pattern)

5. **Fill in the blanks :**

- Ans. a. The **shoot** is above the ground. b. A top root has **one** main root.  
c. Onion-plant has **fibrous** roots. d. Papaya has **many** seeds.  
e. **banana** is seedless fruit.

6. **Write T for true and F for false :**

- Ans. a. F b. F c. F d. T e. T

7. **Answer the following questions :**

- Ans. a. The most important part of a plant is Root.  
b. The flower is the most beautiful part of a Plant. Flowers are of different shapes and colours. Flower help a plant to reproduce.  
c. The leaf prepares food for the plant, that is why it is called the 'kitchen of the plant'.  
d. Leaf need sunlight, water and air to make food.  
e. The shoot is above the ground and bears branches, leaves, flowers and fruits.

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## 3 Learning About Birds



### Exercise

#### Section 1 : Formative Assessment (CCE Pattern)

##### 1. Oral Questions :

Ans. a. Peacocks and Pheasants. b. Wood-pecker. c. Vulture and Kites.

##### 2. Tick (3) the correct answer :

Ans. a. (i) b. (iii) c. (i)

##### 3. Name these :

Ans. a. Sharp claws of flesh-eating birds. **Eagle**  
b. A bird's home. **Nest**  
c. Bird that can walk over shallow water. **Duck**

#### Section 2 : Summative Assessment (CCE Pattern)

##### 4. Fill in the blanks :

Ans. a. The beak of duck has **flat** along the edge.  
b. **Flesh eating** birds have talons.  
c. **Flight** feathers help the birds to fly.  
d. The body of a bird is **aeroplane shape**.  
e. Beaks and claws tell us about the **eating** habits of birds.

##### 5. Write T for true and F for false :

Ans. a. T b. F c. T d. T e. T f. T

##### 6. Match the following :

Ans. 'A' 'B'  
a. flying over short distance (i) bulbul  
b. flying over long distances (ii) pigeon  
c. flying at a low height (iii) hen  
d. flying at a great height (iv) vulture  
e. flightless bird (v) kiwi

##### 7. Answer the following questions :

Ans. a. Wings help a bird to fly.  
b. 1. **Down feathers** : These feathers help to keep the birds warm.  
2. **Body feathers** : They help the birds to give shape to its body.  
3. **Flight feathers** : They help the birds in flying and changing the direction.  
c. Birds like sparrow and crows etc. perch on the branches of tree. They have three toes in front and one at the back. The toes help them to hold on the branch. These birds can sleep on a tree without falling down.  
d. Webbed feet help ducks to swim.  
e. Most flesh eating birds have strong, hooked beak.

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##### Project

Ans. Do yourself







**5. Match the following :**

**Ans. Column 'A'**

- a. a pair of sharp long front teeth
- b. have long sucking tube
- c. have no teeth
- d. have flat biting teeth in front
- e. always starts from a plant

**Column 'B'**

- (i) squirrel
- (ii) butterfly
- (iii) snake
- (iv) cow
- (v) a food chain

**6. Answer the following questions :**

- Ans.**
- a. Sharp Pointed front teeth are found in carnivores.
  - b. Animal need food to grow, to remain healthy and for getting energy.
  - c. Insects have hollow tube in their mouth to suck their food.
  - d. Snake swallow their food as a whole.
  - e. The eating habits of cows and buffaloes have a very interesting way of eating. They first swallow the food without chewing it. After they have eaten their food, they bring the food back into their mouth and chew it properly. This process is known as chewing the cud.

Section 3 : Formative Assessment (CCE Pattern)

Project

**Ans.** Do yourself



## 6 Housing and Clothing

Unit-II :  
Human Needs

### Exercise

Section 1 : Formative Assessment (CCE Pattern)

**1. Oral Questions :**

- Ans.**
- a. We can keep our house clean by washing away all the dirt and garbage.
  - b. We need clothes to protect our body.

**2. Tick (3) the correct option :**

- Ans.**
- a. (ii)
  - b. (ii)
  - c. (iii)

**3. Name these :**

- Ans.**
- a. Material that cloth is made from. **fibres**
  - b. Fibres got from plants and animals. **Natural fibre**
  - c. Man-made fibres. **Synthetic fibre**
  - d. Material through which water cannot pass. **Rubber**

**4. Identify the pictures and write their names below :**

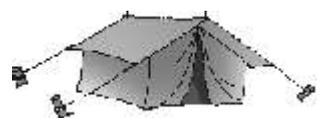
**Ans.**



Kachcha house



Pucca house



Tent (Portable house)



## Section 2 : Summative Assessment (CCE Pattern)

### 5. Fill in the blanks :

- Ans.** a. Our house protects us from **rain** and **robbers**.  
b. **Sunlight** must come into the rooms to keep them dry and germ free.  
c. The floor of the house should be **clean** everyday.  
d. **Wire-netting** on windows keep mosquitoes and flies away.  
e. People doing specific jobs wear special dresses called **uniforms**.

### 6. Write T for true and F for false :

- Ans.** a. F                      b. T                      c. T                      d. T                      e. F

### 7. Answer the following questions :

- Ans.** a. A good house should have separate rooms for sitting, sleeping, bathing, cooking, study and storage. A good house should be well-lit and airy. Sunlight keeps the house dry (moisture free) and free from germs. A good house should have open space for sitting and playing.  
b. Sunlight keeps the house dry (moisture free) and free from germs.  
c. Washing is often done with soap or detergent which helps break up dirt particles so that they are washed away.  
d. Open spaces like verandah or a courtyard give fresh air, sunlight and a place to play.  
e. We need clothes to protect our body. Clothes make us look attractive and smart.

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**Ans.** Do yourself



# 7 Human Body A Wonderful Machine

Unit-III :  
Human Body : Safety Rules

## Exercise

### Section 1 : Formative Assessment (CCE Pattern)

#### 1. Oral Questions :

- Ans.** a. 206                      b. Digestive System  
c. The heart pumps blood to all parts of the body.

#### 2. Tick (3) the correct option :

- Ans.** a. (ii)                      b. (iii)

#### 3. Name these :

- Ans.** a. I take blood from the heart to every part of the body. **Blood circulatory system**  
b. I become big when you breathe in. **lungs**  
c. I work like filters and clean the blood. **liver**  
d. I join the nose to the lungs. **Wind pipe**





3. Name these :

1 × 3 = 3

- Ans. a. Fibres got from plants and animals.  
b. I become big when you breathe in.  
c. I join the nose to the lungs.

Natural fibres

Lungs

Wind Pipe

4. Identify the following and write their names below them :

1½ × 4 = 6

Ans.



Kachcha house



Pucca house



Gnawing animals



Human body



## Summative Assessment-I (CCE Pattern)

Max Marks : 40

1. Fill in the blanks :

2 × 5 = 10

- Ans. a. Baby birds come out of the **eggs**.  
b. A chair is an example of **man made non-living thing**.  
c. Onion-plants has **fibrous** roots.  
d. Animals need **food** to live and grow.  
e. Our house protect us from **Rain** and **Robber**.

2. Write T for true and F for false :

1 × 5 = 5

- Ans. a. F                      b. F                      c. F                      d. T                      e. F

3. Match the following :

1 × 5 = 5

- Ans. a. stone                      (i) natural  
b. never build a nest of its own                      (ii) cockoo  
c. sharp teeth                      (iii) squirrel  
d. lungs                      (iv) respiratory system  
e. brain                      (v) control centre of the body

4. Answer the following questions :

4 × 5 = 20

- Ans. a. A Car cannot reproduce because it is non-living man-made thing.  
b. The shoot is above the ground and bears branches, leaves, flowers and fruits.  
c. Penguin use pebbles and stones to make their nest.  
d. Insects have hollow tube in their mouth to suck their food.  
e. The Skeletal system, Circulatory system, Respiratory system, Nervous systems, Muscular system, Digestive system, Excretory system and Reproductive system are the major body organ systems.



## 8 Safety Rules and First-Aid

### Exercise

Section 1 : Formative Assessment (CCE Pattern)

1. Oral Questions :

- Ans. a. Knives and blades









**3. Name the following :**

- Ans.** a. It is found in the soil and is very important for plants.  
b. Rocks are made up of them.  
c. Soil, that can hold water, but not air.  
d. Soil that cannot hold much water.

**Water**  
**Stones**  
**Clayey soil**  
**Sandy soil**

**4. Ring the odd one :**

- Ans.** a. Book                      **Milk**                      Pen  
b. Oxygen                      Water                      **Orange juice**  
c. Nitrogen                      Oxygen                      **Water drops**

**5. Fill in the blanks :**

- Ans.** a. Paddy grows well in **Loamy** soil.  
b. Sandy soil is found in **Gujrat** and **Rajasthan**.  
c. **Clayey** soil is used to make toys and pots.  
d. Most plants grows well in **Loamy** soil.

**6. Write T for true and F for false :**

- Ans.** a. F                      b. T                      c. T                      d. F                      e. T

**7. Answer the following questions :**

- Ans.** a. Soil is the uppermost layer of the Earth's crust.
- Soil stores water and minerals. Roots of the plants absorb water and minerals present in the soil.
  - Soil which is rich in humus is fertile. Farmers add manure such as cow dung and plant waste to the soil to make it fertile. This helps them to grow healthy plants and get a good crop.
  - Besides making pots; bricks, toys and mud houses, soil is used to make glass. Special sand is used to make glass. Cement is mixed with sand and water and is used to make buildings.
- b. The force of water and wind and the changes in weather, kept breaking the rocks into small pieces. When these rocks broke into very small pieces, they formed soil.
- c. **(1) Soil contains air :** Air is present in the spaces between the particles of the soil. That is why, if you gently place a dry lump of soil in water. You will see air bubbles coming out of the soil.  
**(2) Soil stores water :** When it rains, some water seeps under the ground and is stored in the soil. Water stored in the soil is absorbed by the roots of the plants.  
**(3) Soil has micro-organisms :** Many kinds of micro-organisms live in the soil. They are so small that we cannot see them. They can only be seen with the help of a microscope. Earthworms, termites and ants also live in the soil.
- d. The various kinds of soil and their properties are follows :
- (1) Sandy soil :** This type of soil is made up of big soil and sand particles.
- It is grey or light brown in colour. The big particles of sand cannot hold water for a long time. So, it is not good for the growth of plants. It is mixed with cement for making buildings.
- (2) Clayey soil :** Clayey soil is quite different from sand. It has smallest pieces, so it feels smooth when touched. This soil contains a lot of clay in it, so it is very sticky in nature. Clayey soil is very good for making bricks, tiles, pots and toys.









Exercise

Section 1 : Formative Assessment (CCE Pattern)

1. Oral Questions :

- Ans. a. Luminous object–Sun, Torch, Candle.  
Non luminous object–book, pen, stone.
- b. We are surrounded with different kinds of sounds such as— natural and man-made sounds.
- c. We need energy to do all types of work.

2. Tick (3) the correct of answer :

- Ans. a. (i)                      b. (iii)                      c. (ii)                      d. (i)

3. Name these :

- |  |                    |
|--|--------------------|
| Ans. a. Objects that give out light.     | <b>Transparent</b> |
| b. A push or pull.                       | <b>Force</b>       |
| c. Loud and unpleasant sound.            | <b>Noise</b>       |
| d. A force that slows down the movement. | <b>Break</b>       |

4. Ring the odd one :

- |              |              |              |
|--------------|--------------|--------------|
| Ans. a. Soft | Loud         | <b>Pull</b>  |
| b. Bulb      | <b>Chair</b> | Sun          |
| c. Moon      | Sun          | <b>Rocks</b> |

Section 2 : Summative Assessment (CCE Pattern)

5. Fill in the blanks :

- Ans. a. **Light** is a form of energy which can be seen.
- b. Anything that gives out light is called a **Transparent** object.
- c. **Reflection** is the return of light after striking a surface.
- d. **Our Lip** and **tongue** shape, give sounds to the word.
- e. We use the **voice box** in our throat to speak.

6. Match the following :

- |                                |                          |
|--------------------------------|--------------------------|
| Ans. <b>Column 'A'</b>         | <b>Column 'B'</b>        |
| a. Work                        | (i) moving things        |
| b. Petrol                      | (ii) energy to cars      |
| c. Loud sound                  | (iii) can hurt your ears |
| d. Energy                      | (iv) needed to work      |
| e. Objects that give out light | (v) luminous objects     |

7. Answer the following questions :

- Ans. a. Light travels in straight line.
- b. A shadow is formed when something blocks the path of the light.
- c. We hear sounds like ticking of a clock, clapping of our hands or our own breathing sound. Sound is a form of energy which can be heard.
- d. Sounds help in identifying the type of object producing them. A clear jar



is identified whether it is made out of glass or plastic by tapping on it. The tapping creates a vibration.

e. The pull or push is called force.

### Section 3 : Formative Assessment (CCE Pattern)

#### Activity

**Ans.** Do it yourself



### Formative Assessment-IV (CCE Pattern)

Max Marks : 20

#### 1. Oral Questions :

1 × 5 = 5

**Ans.** a. Ursa major and Orion

b. Satellites, Asteroids

c. We are surrounded with different kinds of sounds such as— natural and man-made sounds.

d. We need energy to do all type of work.

e. The earth is surrounded by a layer of air called atmosphere.

#### 2. Tick (3) the correct answer :

1 × 5 = 5

**Ans.** a. (iii)

b. (iii)

c. (ii)

d. (ii)

e. (i)

#### 3. Name these :

1 × 5 = 5

**Ans.** a. Huge ditches on the surface of the moon.

**Craters**

b. Round objects that move around the Sun.

**Earth**

c. The central part of the Earth.

**Core**

d. A force that slows down the movement.

**Break**

e. A push or pull.

**Force**



### Summative Assessment-II (CCE Pattern)

Max Marks : 40

#### 1. Fill in the blanks :

2 × 5 = 10

**Ans.** a. It is always safe to cross the road at the **Zebra** crossing.

b. In summer we wear **Cotton** clothes.

c. Paddy grows well in **Loamy** soil.

d. **Milky way** and **Andromeda** are examples of galaxies.

e. A **Globe** is the model of the Earth.

#### 2. Write T for true and F for false :

1 × 5 = 5

**Ans.** a. T

b. T

c. F

d. T

e. T

#### 3. Match the following :

2 × 5 = 10

**Ans.** a. Slow wind

(i) breeze

b. The Sun

(ii) star

c. The moon

(iii) satellite

d. Loud sound

(iv) can hurt your ears

e. Energy

(v) needed to work



4. Answer the following questions :

3 × 5 = 15

Ans.

- a. After an accident, the first medical-aid given to the injured person, is called **first-aid**.
- b. Clouds are formed because of the evaporation and condensation of water.
- c. **(1) Soil contains air :** Air is present in the spaces between the particles of the soil. That is why, if you gently place a dry lump of soil in water. You will see air bubbles coming out of the soil.  
**(2) Soil stores water :** When it rains, some water seeps under the ground and is stored in the soil. Water stored in the soil is absorbed by the roots of the plants.  
**(3) Soil has micro-organisms :** Many kinds of micro-organisms live in the soil. They are so small that we cannot see them. They can only be seen with the help of a microscope. Earthworms, termites and ants also live in the soil.
- d. The Sun, its eight planets, their Satellites and other smaller object form the Solar System.
- e. The three layers of the Earth—
  1. Core
  2. Mantle
  3. Crust