## **Innovative Science-2**



Unit – I The World of Plants

## **Various Plants**

Multiple Choice Questions (MC	Qs) (Based on CCE)
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#### Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (c) 3. (b)

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

- **Ans.** 1. Most of the trees live for many years.
  - 2. Herbs have soft, green-stems.
  - 3. Rose is a shrub.

#### B. Fill in the blanks:

- **Ans.** 1. **Root** is the lower part of a plant.
  - 2. Plant makes our surroundings beautiful and green.
  - 3. Most **trees** live for several years.
  - 4. Shrubs are very small plants.
  - 5. Leaves make food for the plant.

## C. Tick $(\checkmark)$ the correct word:

- **Ans.** 1. **Root**/Shoot is the lower part of a plant
  - 2. Shrub/**Herb** normally live for one season in a year.
  - 3. Creeper/Climber have weak stems.
  - 4. **Tree**/Plant has a strong stem.

## Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

Ans.	1. Most plants have green leaves.	T
	2. Herbs are very big and strong plants.	F
	3. A plant can be divided into three parts.	F
	4. Greeper grows along the ground.	T
	5. Shrubs live for several years.	T

#### E. Match the following:

Ans.	Column '1'		Column '2
	1. Tree	(i)	Mango
	2. Shrub	(ii)	Water lily
	3. Herb	(iii)	Coriander

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4. Creeper

(iv) Watermelon

5. Climber

(v) Money plant

#### F. Answer the following questions:

- Ans. 1. Some plants have weak stems. They cannot stand straight without any support. They need support of other plants to grow. Such plants are known as climbers.
  - 2. Some plants are small. They have woody stems. Such plants are called shrubs. Rose and Jasmine are the examples of shrubs.
  - 3. Plants make our surrounding beautiful and green. They are very important for us. We get many useful things from the plants such as, fruits, vegetables, timber, medicines, fibre etc. Plants also provide us fresh air to breathe. There is no life without plants.



# Helpful Plants

## Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick $(\checkmark)$ the correct answer:

**Ans.** 1. (b) 2. (c) 3. (a)

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Ouestions:

- **Ans.** 1. Clothes, sacks, ropes and mats are made from fibres.
  - 2. Juices and oils of some sweet smelling flowers like rose and jasmine, is called perfume.
  - 3. Bamboo trees give us both paper and wood.

#### B. Fill in the blanks:

- **Ans.** 1. The jute plant is used for making **fibre.** 
  - 2. **Tulsi** leaves are used to treat cough and cold.
  - 3. Fruits are rich sources of vitamins.
  - 4. **Dried** tea leaves are used to prepare tea.
  - 5. Nuts give **strength** to our body.

## C. Unscramble the following:

Ans. 1. MEDICINE 2. VITAMIN

3. COFFEE 4. SUGARCANE.

#### Section II: Summative Assessment (Based on CCE)

#### D. Match the following:

Ans. Column '1' Column '2'

1. Nuts (i) Almond, walnut & cashew

2. Oil (ii) Mustard and coconut

3. Spices
4. Cereals
5. Pulses
(iii) Chilly, turmeric and cloves
(iv) Wheat, rice and barley
(v) Moong and Masoor

#### E. Write true or false:

Ans. 1. Plants are harmful for us.
2. We use wood of the teak tree to make furniture.
3. The root of ginger is used as food.
4. Spices add flavour to our food.
5. Fruits are rich sources of Vitamins.
T

#### F. Answer the following questions:

- **Ans.** 1. Tulsi, Mint and Neem are of three medicinal plants.
  - 2. Following are the three ways by which trees are helpful to us:
    - (i) Plants give us food.
    - (ii) Plants give us fibre and wood.
    - (iii) Plants give us various medicines.
  - 3. Teak and sal are two plants which give us firewood.
  - 4. Besides food we get perfumes, fibre, wood and paper from the plants.

#### **Activity**

Do it yourself



Unit – II The World of Animals

# **Different Animals**

## Multiple Choice Questions (MCQs) (Based on CCE)

## Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (b) 3. (c)

## Section I: Formative Assessment (Based on CCE)

## A. Oral Questions:

- **Ans.** 1. Horses are kept in the stable.
  - 2. No, lion is not an aquatic animal.
  - 3. Elephant has the sharpest memory among animals.

## B. Tick $(\checkmark)$ the correct word:

- Ans. 1. Animals living in the forests are called **wild**/domestic animals.
  - 2. Tigers, fox and lions live in burrows/dens.
  - 3. Pigs live in shed/sty.
  - 4. All over the world wild animals are in safe/danger.
  - 5. An ostrich/eagle is flightless bird.

#### C. Circle and odd one:

Ans.	1. Dog,	Cat,	Horse,	Goat,	Lion
	2. Elephant,	Giraffe,	Snake,	Sheep,	Jackal
	3. Octopus,	Dolphin,	Hen,	Starfish,	Seahorse
	4. Eagle.	Ostrich.)	Parrot.	Sparrow.	Vulture

#### Section II: Summative Assessment (Based on CCE)

#### D. Match the following:

Ans.	Column '1'		Column '2'
	1. Fox	(i)	Den
	2. Rabbit	(ii)	Burrow
	3. Snake	(iii)	Hole
	4. Giraffe	(iv)	Under the tree
	5. Squirrel	(v)	On tree

#### E. Write true or false:

Ans.	1. A bird flies with the help of its wings.	T
	2. Habitats are places where animals eat.	F
	3. Frogs day eggs on land.	F
	4. Animals are living things.	T
	5. Monkeys have long and strong arms.	T

#### F. Answer the following questions:

- Ans. 1. Most of the birds make their nests on the branch of a tree to live in. The female birds lay eggs in the nest. The nest keeps the eggs safe and warm.
  - 2. Some animals eat vegetables, plants and parts of plants. They are called herbivores or herbivorous animals. Cows and goats are of two herbivorous animals.
  - 3. Some animals kill other animals and eat the flesh of that animal as food. They are called carnivores or carnivorous animals. Lions and wolves are of two carnivores.

## **Activity**

Do it yourself



# **Helpful Animals**

## A. Multiple Choice Questions (MCQs) (Based on CCE)

**Ans.** 1. (c) 2. (b) 3. (a)

#### **B.** Oral Questions:

**Ans.** 1. Wild animals live in the forest.



- 2. Camel is known as the 'ship of the desert'.
- 3. Ship is the biggest source of wool.

#### B. Fill in the blanks:

- Ans. 1. We get honey from **honey-bee** hive.
  - 2. Milk is very **nutritious** food.
  - 3. **Reindeer** draws a cart called sledge.
  - 4. Consult a **veterinary** doctor if any of your pets falls ill.
  - 5. Dog is called the 'Men's **best friend.**

#### C. **Unscramble the following:**

Ans. 1. MANURE 2. NUTRITIOUS

3. CLOTHES

4. ANIMALS.

#### Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

Ans. 1. We get cotton fibres from silkworm. F

2. We get wool from sheep.

T T

3. Ox is called the 'beast of burden'.

F

- 4. Snake is a domestic animal.
- 5. Ahen gives us eggs. T

#### E. Match the following:

#### Ans. Column'1'

#### Column'2'

1. Beasts of burden

- (i) Camel
- 2. Egg-giving animal
- (ii) Hen
- 3. Animals which plough the field (iii) Bullocks

4. Milch animal

- (iv) Cow
- 5. Cart-drawng animal
- (v) Horse

#### F. Answer the following questions:

- Ans. 1. We get the following things from animals:
  - (i) We get food from the animals in the form of milk, eggs, meat and honey.
  - (ii) We get cloth like wool, silk, fur from the animals.
  - (iii) We get leather also from animals.
  - (iv) Animals give us manure and fuel.
  - (v) Some animals are used to carry loads.
  - (vi) Pet animals like dogs guards our houses and farms. So they also keep us safe.
  - 2. Animals that give us milk are called milch animals. Cows, buffaloes, goats, camel etc. are of some milch animals. We get milk from these animals. Milk is a very nutritious food.
  - 3. We get leather from animals. We made different things from leather. Shoes and chappals are made of leather. Leather is also used to make jackets, belts, purses, bags and suitcases. Leather is made from the skin of dead animals.

## Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick $(\checkmark)$ the correct answer:

**Ans.** 1. (b) 2. (c)

#### **B.** Oral Questions:

**Ans.** 1. Seeds are found inside a fruit.

- 2. Herbs have soft, green stems.
- 3. Horses are kept in the stable.

#### C. Fill in the blanks:

**Ans.** 1. Fruits are rich sources of **vitamins**.

- 2. **Leaves** make food for the plant.
- 3. Plants makes our surroundings beautiful and green.
- 4. **Tulsi** leaves are used to treat cough and cold.
- 5. The jute plant is used for making **fibre**.

#### D. Tick $(\checkmark)$ the correct word:

**Ans.** 1. Pigs live in shed/sty.

- 2. **Root**/shoot is the lower part of a plant.
- 3. **Dog**/Lion is a domestic animal.
- 4. **Ostrich**/sparrow is a flightless bird.
- 5. **Tree**/Plant has a strong stem.

## E. Unscramble the following:

Ans. 1. COFFEE

2. MEDICINE

Unit – III Environment

3. VITAMIN



# About Air

## Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick (✓) the correct answer:

**Ans.** 1. (b) 2. (a) 3. (c)

## Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

**Ans.** 1. Nitrogen, oxygen, carbon-dioxide, water vapour etc.

2. It is used to know the direction of the air.

#### B. Tick $(\checkmark)$ the correct word:

Ans. 1. Change of water into water vapour is called condensation/evaporation.

- 2. Doors and windows should be kept open/close to get pure air.
- 3. Dust and smoke make the air pure/impure.
- 4. We should cover/**not cover** our faces while sleeping.
- 5. **Green plants**/Animals keep the air pure.

#### C. Fill in the blanks:

- Ans. 1. The air is found everywhere.
  - 2. Slow moving, gentle air is called breeze.
  - 3. Wind has a definite direction.
  - 4. Strong winds can cause a **storm**.
  - 5. Oxygen gas is essential for breathing.

#### Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

- 1. Winds blows in a different direction. Ans. F T 2. Air can only be felt.
  - 3. Air does not support burning. F
  - 4. Storms are harmful for us. T T
  - 5. Windmill is used to pump water and grind grass.

#### Ε. Match the following:

#### Column'1' Ans. Column '2'

- 1. Wind (i) Moving air 2. Breeze (ii) Slow moving wing (iii) Fast blowing air 3. Storm
- 4. Hurricane (iv) Very fast blowing air

#### F. Answer the following questions:

- Ans. 1. Moving air is called wind. It is normally blowing air. Wind blows in a definite direction. Storm is a vary fast blowing air. Storms are harmful for
  - 2. Windmill is used to pump water and grind grass. It is also used to generate electricity. Windmills use the energy of wind to do work.
  - 3. The three properties of wind are as follows:
    - (i) Wind blows in a definite direction.
    - (ii) Wind has speed.
- (iii) Wind exerts force.



## Multiple Choice Questions (MCQs) (Based on CCE)

## Tick $(\checkmark)$ the correct answer:

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

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

- **Ans.** 1. Boiled and filtered water is safest for drinking.
  - 2. Rain is the main source of water. If there is no rain, it causes the lack of water. Water becomes rare.

#### B. Fill in the blanks:

- **Ans.** 1. Water is a **natural** resource.
  - 2. We dig **wells** to get underground water.
  - 3. Boiled and **filtered** water is safest for drinking.
  - 4. We build dams to store water.

#### Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

**Ans.** 1. People, animals and plants need water to live.

T

2. Boiled water is safest for drinking.

T

3. Filtered water is not safest for drinking.

 $\mathbf{F}$ 

4. Water is a very precious gift for all living things.

Т

#### E. Match the following:

#### Ans. Column '1'

#### Column '2'

1. Rain

(i) main source of water

2. Water

(ii) is a very precious gift

3. Evaporation

(iii) water is changed into steam

4. Water vapour

(iv) water changes into gas

## F. Answer the following questions:

- Ans. 1. Water is used everywhere, in our homes, schools, offices and factories. We use water to drink, bath, cook and wash clothes. We get water from rain, rivers and lakes etc. These are called the sources of water.
  - 2. Water goes from sea to land and again back from land to sea. This is known as water cycle. This water cycle is repeated again and again.
  - 3. Water exists in three forms: solid, liquid and gas. These are the different forms of water.
  - 4. All living things need water to live. There can be no life without water. We need water to drink, bath, cook and wash clothes. Water is used everywhere in our life. Water is a very precious gift for all living things. Our life and all routine works are based on the water.
  - 5. When water is changed into steam or water vapour, through heating, the process is called evaporation.

Changing of water vapour into water through cooling or freezing effect, is called condensation.

## Activity

Do it yourself



# **Food and Health**

#### Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (c) 3. (b)

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

- **Ans.** 1. Sea water is not fit for drinking because it is too much salty. It also dissolves many harmful substances in it.
  - 2. Rice and Razma is my favourite food.
  - 3. Milk is a nutritious food. It contains all necessary nutrients. It provide us calcium. It is necessary for our growth. So we should drink milk daily.

#### B. Fill in the blanks:

- **Ans.** 1. A **balanced** diet contain all nutrients.
  - 2. Food builds our **bones** and muscles.
  - 3. Our body is like a machine.
  - 4. Vitamins and mineals are **protective** food.
  - 5. Water helps to maintain a constant body temperature.

#### C. Unscramble the following:

Ans. 1. BREAD 2. HEALTHY

3. ENERGY 4. PROTEIN.

## Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

Ans. 1. Eggs have plenty of protein in them.
2. Food does not help our body to grow.
3. Water helps us to maintain a constant body temperature.
4. We should eat at a clean place.
5. We fall sick, if we eat enough of fruits.

T

#### E. Match the following:

Ans. Column '1'
Column '2'

1. Energy-giving food
2. Body-building food
3. Protective food
4. Healthy teeth

Column '2'
(i) Potato
(ii) Fish
(iii) Fruits
(iv) Brush teeth twice a day

#### F. Answer the following questions:

**Ans.** 1. There are three main kinds of food, that is:

(i) Energy-giving food.

- (ii) Body-building food. (iii) Protective food.
- 2. A diet containing all the nutrients in their proper quantities is known as the balanced diet.

Balanced diet is necessary for the best functioning of our body. It provide us all necessary nutrients in their proper quantity. It helps our body to grow and stay healthy.

- 3. Food is very important for us. We cannot survive without food. We need food because:
  - (i) Food helps our body to grow.
  - (ii) It provides us energy to perform various activities.
  - (iii) It helps our body to fight against diseases and stay healthy.
- 4. The five healthy food habits are as follows:
  - (i) Wash our hands and mouth before and after every meal.
  - (ii) Always eat at a clean place.
  - (iii) Do not waste food.
  - (iv) Have our meals at fixed hours daily.
  - (v) Take food according to the need of our body. Do not eat too much.

## Formative Assessment-2

## A. Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick $(\checkmark)$ the correct answer:

**Ans.** 1. (a) 2. (c)

#### **B.** Oral Questions:

- Ans. 1. Because it is too much salty and dissolves many harmful substances in it.
  - 2. Ship gives us wool.
  - 3. It is used to know the direction of the wind.

#### C. Fill in the blanks:

- **Ans.** 1. Food habits our **bones** and muscles.
  - 2. The air is found everywhere.
  - 3. **Snow** on mountains melts to form water.
  - 4. Vitamins and minerals are **protective** food.
  - 5. Strong winds can cause a **storm.**

## D. Tick $(\checkmark)$ the correct word:

- **Ans.** 1. **Food**/Water helps our body to grow.
  - 2. Chocolates are useful/harmful for the teeth.
  - 3. Dust and smoke make the air pure/impure.
  - 4. Air **supports**/stops burning.
  - 5. Air/**food** gives us energy.

## E. Unscramble the following:

- Ans. 1. WATER
- 2. VITAMINS

3. OXYGEN

4. STREAMS.

## Summative Assessment-1

#### A. Write true or false:

Ans.	1. Storms are harmful for us.	F
	2. Frogs lay eggs on land.	$\mathbf{F}$
	3. Spices add flavour to our food.	T
	4. Shrubs live for several years.	T
	5. We fall sick, if we eat enough of fruits.	$\mathbf{F}$

#### B. Match the following:

Ans.	1. Tree	(i)	Mango
	2. Giraffe	(ii)	Under the tree
	3. Healthy teeth	(iii)	Twice a day
	4. Nuts	(iv)	Almond and Cashew
	5. Milch animals	(v)	Cow

#### C. Answer the following questions:

- Ans. 1. Plants make our surrounding beautiful and green. They are very important for us. We get many useful things from the plants such as, fruits, vegetables, timber, medicines, fibre etc. Plants also provide us fresh air to breathe. There is no life without plants.
  - 2. A diet containing all the nutrients in their proper quantities is known as the balanced diet.
    - Balanced diet is necessary for the best functioning of our body. It provide us all necessary nutrients in their proper quantity. It helps our body to grow and stay healthy.
  - 3. Some animals eat vegetables and parts of plants. They are called herbivores. Some animals kill other animals and eat the flesh of that animal as food. They are called carnivores.
  - 4. When water is changed into steam or water vapour, through heating, the process is called evaporation.

Changing of water vapour into water through cooling or freezing effect, is called condensation.



Unit – V Safety

# **Safety Rules and First Aid**

## Multiple Choice Questions (MCQs) (Based on CCE)

Tick  $(\checkmark)$  the correct answer:

**Ans.** 1. (a) 2. (b) 3. (b)

## Section I: Formative Assessment (Based on CCE)

## A. Oral Questions:

Ans. 1. Do not touch electric wires and switches with wet hands. We may get an electric current.

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- 2. Do not put our arm, head or hand out of a moving bus.
- 3. We should not run on the stairs because we may sleep and fall down.

#### B. Fill in the blanks:

- **Ans.** 1. Always go for swimming with your **elders.** 
  - 2. Moral values pay a lot to **humanity.**
  - 3. Cross the road only when the traffic light is green.
  - 4. Safety is essential for us.

#### C. Unscramble the following:

Ans. 1. CAREFUL

2. VEHICLES

3. KITCHEN

4. DISTURB.

#### Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

**Ans.** 1. Always walk on the right side of the road.

T

2. It is good to play on the terrace.

F

3. We should play with the herbal colours on Holi.4. Helping others is a good virtue.

T T

#### E. Name each of them:

**Ans.** 1. Zebra crossing

2. Electricity

3. Footpath.

#### F. Answer the following questions:

**Ans.** 1. First aid is the immediate help given to an injured person.

- 2. Safety is essential for us because it avoid accidents and keep us safe.
- 3. When someone gets hurt we will give a first aid to him. This help gives a lot of satisfaction and relief to the person concerned.
- 4. We will cross the road at zebra crossing. When there is no zebra crossing wait until the road is clear. Before crossing first look to our left, then to our right and then to our left again. Cross the road only when the traffic light is green.
- 5. Zebra crossing is that place or way where we will cross the road. At some places road is painted with black and white strips. This is called the zebra crossing. It is the safest place to cross the road.

#### **Activity**

Do it yourself



Unit – VI Matter and Materials

## **Rocks and Minerals**

## Multiple Choice Questions (MCQs) (Based on CCE)

Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (b) 3. (c)



#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

- **Ans.** 1. Diamond is the hardest rock known so far.
  - 2. Graphite and Slate are two soft rocks.
  - 3. Coal is used for burning fire.

#### B. Fill in the blanks:

- **Ans.** 1. Earth is made up of rocks and soils.
  - 2. Rocks ultimately break up forming very fine particles called soil.
  - 3. **Petroleum** is a liquid mineral.
  - 4. Sandstone is of **red** colour.
  - 5. Rocks contain minerals.

#### C. Tick $(\checkmark)$ the correct word:

- Ans. 1. Sandstone/Slate was used for making Red Fort at Delhi.
  - 2. Granite is a soft/hard rock.
  - 3. **Talc**/Coal is the softest mineral.
  - 4. Chalk/**Shale** are the rocks found in layers.
  - 5. Chalk/**Diamond** is used for cutting glass.

#### Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

Ans.	1. Talc is the softest animal.	$\mathbf{F}$
	2. Rocks break up and turn into minerals.	$\mathbf{F}$
	3. Slate is used for making lead pencils.	$\mathbf{F}$
	4. Coal is a soft black rock.	T
	5. China clay is a soft mineral.	T

#### E. Match the following:

# Ans. Column '1' 1. Diamond 2. Coal (i) Hardest rock (ii) Soft black rock

3. China clay4. Talc(iii) Softest mineral(iv) Soft mineral

5. Graphite (v) Used to make the lead of pencil

## F. Answer the following questions:

- Ans. 1. Rock is a solid mass of stony material projecting and forming a hill. Rocks are found on the surface of the earth and underground. These rocks are classified on the basis of its hardness and softness. There are many kinds of rocks. Rocks differ in size, shape, hardness and colour.
  - 2. Minerals are inorganic substances. Rocks contain minerals too. Most rocks have two or more minerals in them.

The five important minerals are as follows:

- (i) Mica (ii) China clay (iii) Petroleum (iv) Gold (v) Coal.
- 3. Diamond is the hardest mineral known so far. It has lusture. Diamond is used to cut glass. It is also used for making beautiful jewellery.

#### **Activity**

Do it yourself



# Natural and Man-made Things

## Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (b) 3. (c)

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

- **Ans.** 1. (i) Water changes into ice. (ii) Milk changes into ice-creams.
  - 2. Non-living things.

#### B. Fill in the blanks:

- **Ans.** 1. Things which are made by man are known as **man-made things.** 
  - 2. Plastic and nylon are man-made things.
  - 3. We get fibres like **cotton** and **jute** from plants.
  - 4. **Non-living** things do not eat, move and breathe.
  - 5. Matter exists in **three** different states.

#### C. Unscramble the following:

- Ans. 1. MATTER 2. LIQUID 3. VOLUME 4. OXYGEN.
  - Write true or false:
- Ans. 1. All natural things are living things. F
  2. The third state of matter is gas. T
  - 3. Some matter has weight and occupies space.
  - 4. Plants are natural things.

## Section II: Summative Assessment (Based on CCE)

## E. Match the following:

- Ans. Column '1' Column '2'

  1. Liquid (i) Water

  2. Living thing (ii) Animals
  - 3. Man-made thing (iii) Car
  - 4. Solid (iv) Iron

D.

#### F. Answer the following questions:

- Ans. 1. All the things which are found in nature are called natural things. The land, water, clouds, plants and animals etc. are all natural things. The things which are made by the man are called man-made things. Man has made many things for his benefit, comfort and luxury. Computer, car, telephone, book, television, aeroplane etc. are all man-made things.
  - 2. Things which have life in them are called living things. All living things have some basic characteristics. They can breathe, move, eat, grow, excrete and reproduce.
    - Things which do not have life in them are called non-living things. Non-living things do not eat, move, breathe, grow, excrete and reproduce.
  - 3. All things like living or non-living, natural or man-made are made up of matter. Matter exists in three different forms:
    - (i) **Solid**: The solids have definite shape, mass and volume. Their molecules are compactly packed.
    - (ii) Liquids: They have mass and volume. But they do not have a definite shape. They take the shape of the container, they are put in.
    - (iii) Gases: Gases have neither definite shape nor volume. Their molecules are very-very loosely packed. We cannot see gases.

## Formative Assessment-3

## Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (a)

#### A. Oral Questions:

- **Ans.** 1. Because we may sleep and fall down.
  - 2. Coal.
  - 3. Non-living things.

#### C. Fill in the blanks:

- **Ans.** 1. Moral values pay a lot to **humanity.** 
  - 2. Matter exists in **three** different states.
  - 3. Sandstone is of **red** colour.
  - 4. We made things with the help of **machines** or **hand.**
  - 5. Cross the road only when the traffic light is **green.**

## D. Tick ( ) the correct word:

- **Ans.** 1. **Talc**/Coal is the softest mineral.
  - 2. A candle flame needs **oxygen**/nitrogen to burn.
  - 3. One should always walk on the road/footpath.
  - 4. The **Taj Måhal**/Red Fort is made from marble.
  - 5. Things made by man are known as natural/man-made.

#### E. **Unscramble the following:**

Ans. 1. ASTRONAUT

3. OXYGEN

2. VALLEY

4. DOCTRINE.



Unit – VII Our Universe

# Our Beautiful Planet—The Earth

#### Tick $(\checkmark)$ the correct answer:

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

#### Section I: Formative Assessment (Based on CCE)

#### Α. **Oral Questions:**

- Ans. 1. The earth is a planet.
  - 2. Mountain is the very high area of land.
  - 3. Ganga is the most famous river in our country.

#### B. Tick $(\checkmark)$ the correct answer:

- 1. We live on the **earth**/moon. Ans.
  - 2. The earth/sun is the only planet where there is life.
  - 3. A hill/**plain** is a vast piece of flat land.
  - 4. A plain/valley is a land between two hills or mountains.
  - 5. **Rain/Pond** water flows on land to form streams.

#### C. **Unscramble the following:**

Ans. 1. MOUNTAIN 2. VALLEY

3. PLATEAU

4. EARTH.

## Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

Ans. 1. Most rivers flow into ponds. F

2. A hill is smaller than a mountain.

- Т F
- 3. Man has constructed bridges and dams over the railway lines.

Т

4. The shape of earth is like a very big ball.

#### Ε. Match the following:

#### Ans. Column'1'

Column'2'

1. Desert

(i) Covered with sand

2. Plain

(ii) Flat land

3. Island

(iii) Surrounded by water

4. Forest

(iv) Thick bushes and trees

5. Mountain

(v) Land rises very high

(34)

Science-2

#### F. Answer the following questions:

- **Ans.** 1. The life is possible on earth because it has air and water. Both the things air and water are necessary for life.
  - 2. The earth's rotation causes day and night. The side of the earth facing the sun has day. The side away from the sun is a shadow. It has night.
  - 3. A piece of land surrounded by water from all sides is called an island.
  - 4. Man has constructed roads and railway lines. He has built factories and huge buildings. He has made bridges and dams over rivers. All these things have changed the face of our earth.



# The Sun, Moon and Stars

#### Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (c) 3. (a)

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

**Ans.** 1. Neil Armstrong.

2. Sun gives us heat and light.

Column '2'

#### B. Fill in the blanks:

**Ans.** 1. The sun is a large ball of **fire.** 

- 2. Our shadow is longer in the morning and evening.
- 3. The **moon** is a big ball of rocks.
- 4. Moon has **rotates** on its surface.

## Section II: Summative Assessment (Based on CCE)

#### C. Match the following:

Ans. Column '1'

1. The sun gives us

(i) Light and heat

(ii) Mayor with your

2. Our shadow (ii) Moves with us

3. The moon (iii) Is round in shape

4. The sun5. Our shadow is short(iv) Is a big ball of fire(v) In noon

## Answer the following questions:

Ans. 1. Life is not possible on earth without the sun. It gives us heat and light. Sunlight is very useful for us. The heat of the sun brings us rain and keeps the water-cycle going on. The sun makes the plants grow. Flowers bloom and fruits ripe due to the sun light. The sun gives us solar energy which is used in many devices.

D.

- 2. Our shadow moves with us. It is longer in the morning and evening. It is shortest in the noon. Shadows also change their direction. The shadow always falls in the opposite side of the light. Thus on the basis of light shadow can change its length and direction.
- 3. Astronaut is the person who travels in a spacecraft. Neil Armstrong is the name of one astronaut.



#### Unit - VIII Our Needs

# **Housing and Clothing**

## Multiple Choice Questions (MCQs) (Based on CCE)

#### Tick (✓) the correct answer:

**Ans.** 1. (c) 2. (a)

#### Section I: Formative Assessment (Based on CCE)

#### A. Oral Questions:

**Ans.** 1. Multistoreyed house.

- 2. The houses are built on stilt where it rains a lot because it make safe the houses from the rain water.
- 3. Do yourself.

## B. Tick $(\checkmark)$ the correct word:

**Ans.** 1. House/**Clothes** make us look smart and attractive.

- 2. Caravans, campers and houseboats are permanent/movable houses.
- 3. **Floor**/Road is made of cement, marbles or stones.
- 4. **Temporary**/Permanent houses are made of wood, bamboo, mud, etc.
- 5. Houses are of two/three types.

#### C. Fill in the blanks:

**Ans.** 1. Houseboats flats on water.

- 2. **Temporary** houses are usually kachcha houses.
- 3. Clothes **protect** us from heat, cold, rain and dust.
- 4. Houses have different types of **roofs**.

## Section II: Summative Assessment (Based on CCE)

#### D. Write true or false:

**Ans.** 1. Keep your home neat and tidy.

T

2. A houseboat is a house on wheels.

-

3. Gypsies make igloos.

 $\mathbf{F}$ 

4. We wear cotton clothes in summers.

 $\mathbf{T}$ 

#### E. Match the following:

#### Ans. Column'1'

Column '2'

1. Permanent house

(i) Multi-storeyed building

2. Temporary house

(ii) Kuchcha house

3. Movable house

(iii) Caravans

4. Scouts

(iv) Tents

#### F. Answer the following questions:

- Ans. 1. We need house to live in with our family and to store our belongings. A house protects us from heat, rain, cold, storm and enemies. It is a place where are live comfortably and feel safe.
  - 2. Eskimos build houses made of ice, called igloos. They are dome shaped and have a very low, narrow, door and a semi-circular roof. Igloos are mainly found in north pole.
  - 3. Houses have different types of roofs. Roofs may be flat, sloping or circular. Flat roofs are made in hot dry regions. Igloos have circular roofs. Places where there is heavy rainfall or snowfall have houses with sloping roofs.
  - 4. People also wear clothes according to weather conditions and other occasions. We wear light coloured cotton clothes in summer, woollen clothes in winters and raincoat and gumboots in rainy season. We wear beautiful clothes in parties and functions.

## Formative Assessment-4

## A. Multiple Choice Questions (MCQs) (Based on CCE)

Tick (✓) the correct answer:

**Ans.** 1. (a) 2. (c).

## **B.** Oral Questions:

Ans. 1. Ganga.

2. Hut and tent.

3. Neil Armstrong.

#### C. Fill in the blanks:

**Ans.** 1. Houses have different types of **roofs.** 

2. A camper is a house on wheels.

3. We wear light coloured cotton clothes in summers.

4. A **plain** has a smooth surface.

5. Scouts live in **tents** in their camps.

## D. Tick $(\checkmark)$ the correct word:

**Ans.** 1. Houseboats float on water/land.

2. A plain/hill is form of a mountain.

3. House/Clothes make us look smart.

- 4. Houses are of two/three types.
- 5. We live on the **earth**/moon.

#### E. Unscramble the following:

**Ans.** 1. MOUNTAIN

2. PERMANENT

(v) Hardest rock

3. EARTH

4. PLATEAU.

## Summative Assessment-2

#### A. Write true or false:

Ans.	1. Cross the road through a subway.	T
	2. All natural things are living things.	$\mathbf{F}$
	3. People live in same type of houses.	F
	4. We live on the moon.	F
	5. China clay is a soft mineral.	T

#### B. Match the following:

5. Diamond

1.	maten the following.		
Ans.	1. Our shadow is short	(i)	In noon
	2. Eskimos	(ii)	Igloos
	3. Scouts	(iii)	Tents
	4. Man-made thing	(iv)	Car

#### C. Answer the following questions:

Ans. 1. The earth's rotation causes day and night. The side of the earth facing the sun has day. The side away from the sun is in shadow. It has night.

- 2. Eskimos build houses made of ice, called igloos. They are dome shaped and have a very low, narrow door and a semi-circular roof. Igloos are mainly found in north pole.
- 3. All things like living or non-living, natural or man-made are made up of matter. Matter exists in three different forms:
  - (i) **Solid**: The solids have definite shape, mass and volume. Their molecules are compactly packed.
  - (ii) Liquids: They have mass and volume. But they do not have a definite shape. They take the shape of the container, they are put in.
  - (iii) Gases: Gases have neither definite shape nor volume. Their molecules are very-very loosely packed. We cannot see gases.
- 4. Things which have life in them are called living things. All living things have some basic characteristics. They can breathe, move, eat, grow, excrete and reproduce.

Things which do not have life in them are called non-living things. Non-living things do not eat, move, breathe, grow, excrete reproduce.