**COMPONENTS OF FOOD**

**I. Fill in the blanks:**

1. Proteins are made up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. Deficiency of vitamin C causes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. Balanced diet is one which contains all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. Deficiency of \_\_\_\_\_\_\_\_\_ causes weak eyesight.

5. Deficiency of \_\_\_\_\_\_\_\_\_\_\_\_ causes anemia.

**II. State whether the statement is TRUE or FALSE:**

1. Calcium is necessary for strong bones and teeth. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Deficiency of vitamin B help to increase our appetite. \_\_\_\_\_\_\_\_\_\_\_\_\_

3. Carbohydrates are the main source of energy in our diet. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Haemoglobin is a carbohydrate. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Tomato contain Vitamin C. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Energy giving food | Iodine |
| 2 | Body building food | Vitamins and minerals |
| 3 | Protective food | Fats, carbohydrates |
| 4 | Test for fats | Proteins |
| 5 | Test for starch | Oily patch on paper sheet |

 **IV. Choose the correct option in the following questions:**

1. The food component needed by our body are called:

a) Ingredients

b) Fragments

c) Nutrients

d) Ornaments

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Roughage help in:

a) providing energy

b) Movement of bowel

c) Protecting our body from diseases

d) None of the above

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Vitamins and minerals are:

a) protective foods

b) energy giving foods

c) body building foods

d) roughage

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Which of the following food items contain carbohydrates?

a) Rice

b) Grams

c) Pulses

d) Cabbage

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Night blindness is caused due to deficiency of Vitamin:

a) A

b) B

c) C

d) D

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V. Answer the following:**

1. What are the different components of food?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. What is the role of carbohydrates in the body?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FIBRE TO FABRIC**

**I. Fill in the blanks:**

a) Clothes are made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b) Jute is grown in \_\_\_\_\_\_\_\_\_\_ soil.

c) Cotton plants need \_\_\_\_\_\_\_\_\_\_\_\_\_ climate.

d) Separation of cotton fibres from their seeds is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

e) Twisting of fibres into yarn increases the \_\_\_\_\_\_\_\_\_\_\_\_ of fibres.

**II. State whether the statement is TRUE or FALSE:**

a) All plants have fibres in their body structure. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Cotton and wollen clothes are smooth to touch. \_\_\_\_\_\_\_\_\_\_\_\_\_

c) Clothes protect us fom adverse weather conditions. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) Cocunut fibres are good for making yarn. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) Jute is obtained from the stem of 'putson'. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Animal fibres | Cotton clothes |
| 2 | Used to spun yarn | Bales  |
| 3 | Separation of fibres from jute stem | Charkha |
| 4 | Suitable for wearing in kitchen | Silk and wool |
| 5 | Compressed budles of cotton | Retting |

 **IV. Choose the correct option in the following questions:**

1. Which of the following is a plant fibre ?

a) Wool

b) Silk

c) Cotton

d) Nylon

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. The right time to cut jute plant is

a) Matured stage

b) Before flowering stage

c) Flowering stage

d) Any time after flowering

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Weaving of fabric is done in

a) Powerlooms

b) Handlooms

c) Both (a) and (b)

d) Takli

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. The clothes are made up of thinner and thinner strands called

a) Yarn

b) Fibre

c) Thread

d) Fabric

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Which of the following is a synthetic fibre?

a) Nylon

b) Rayon

c) Polyester

d) All of these

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V. Answer the following:**

1. What are two types of fibres?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Write the properties of cotton.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FOOD: WHERE DOES IT COME FROM?**

**I. Fill in the blanks:**

a) Children need food for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b) We get \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ after eating food.

c) Mustard \_\_\_\_\_\_\_\_\_\_\_\_\_ are used as spices and oil.

d) We get food from \_\_\_\_\_\_\_\_\_\_\_\_\_ as well as animals.

e) Human beings are \_\_\_\_\_\_\_\_\_\_\_ beacause it eats both plant and animals.

**II. State whether the statement is TRUE or FALSE:**

a) Different people have different choice of food. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Lion is omnivores. \_\_\_\_\_\_\_\_\_\_\_\_\_

c) Plants gives us more variety of foods than animals. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) Cooked food can be more easily digested by the body. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) Buffalo is a carnivore. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Lion | Nectar |
| 2 | Deer | Both Plant and animal |
| 3 | Man | Human faecal |
| 4 | Butterfly | Plants |
| 5 | Pig | Animals |

 **IV. Choose the correct option in the following questions:**

1. Which part of tomato is edible?

a) Fruit

b) Seed

c) Root

d) Stem

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Animals which eat both plants and other animals are known as:

a) Herbivores

b) Carnivores

c) Omnivores

d) Sanguinivores

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Which of the following is not a root vegetable?

a) Potato

b) Carrot

c) Cucumber

d) Onion

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Which is not a food for a squirrel?

a) Grains

b) Small insects

c) Fruits

d) All of these

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Which one is the best for health?

a) Boiled seeds

b) Roasted seeds

c) Wet swollen seeds

d) Sprouted seeds

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V. Answer the following:**

1. What is food?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Name four food materials which come from animals.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**GETTING TO KNOW PLANTS**

**I. Fill in the blanks:**

a) Young unopened flower is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b) Swollen basal part of pistil is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

c) The two parts of stamen are \_\_\_\_\_\_\_\_\_\_\_\_\_\_and\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

d) Small green leaves at the base of flower are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

e) Modified stem which helps a plant to climb is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**II. State whether the statement is TRUE or FALSE:**

a) In trees , branches arise from upper part of stem.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Stem absorbs water amd minerals from the soil. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Roots hold the plant firmly in soil. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) All plants have colourful flowers. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) Leaves makes food by the process of transpiration. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Creeper | Green and tender stem. |
| 2 | Herb | Hard and thick stem. |
| 3 | Tree | Reproduction. |
| 4 | Root | Need support to stand up. |
| 5 | Flower | Absorption of mineral and water. |

 **IV. Choose the correct option in the following questions:**

1. Combination of feature find in grass

a) Parallel venation and tap root.

b) Parallel venation and fibrous root.

c.) Reticulate venation and fibrous root.

d) Reticulate venation and tap root.

2. During photosynthesis

a) Oxygen is absorbed.

b) Carbon dioxide is released.

c) Oxygen is released

d) Nitrogen is oxidized.

3. Which one is not a female part of flower

a) Stigma

b) Style

c) Anther

d) Ovary

4. Which is not the primary function of stem

a) Photosynthesis

b) Conduction of water

c) Formation of branches

d) Bear flower and fruit.

5. Which of the following has fibrous roots.

a) Peas

b) Wheat

c) Radish

d) Neem

**V. Answer the following:**

1. What is stem of a plant?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Name the two types of roots found in plants.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LIGHT SHADOWS AND REFLECTION**

**I. Fill in the blanks:**

a) Image formed by a plane mirror is \_\_\_\_\_\_\_\_\_\_\_\_\_.

b) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ objects cast no shadow .

c) Light travels in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

d) Shadow is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

e) A smooth surface in which we can see our image is called\_\_\_\_\_\_\_\_\_\_\_ .

**II. State whether the statement is TRUE or FALSE:**

a) A tourch bulb is luminous object. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) All the shinning bodies in sky has their own light. \_\_\_\_\_\_\_\_\_\_\_\_\_

c) Jugnu(firefly) is a living luminous body. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) Transparent object reflect all the light falling on them. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) In a mirror ,if A is able to see B , B can also see A . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Transparent | Object through which one cannot see at all |
| 2 | Opaque | Region of absence of light |
| 3 | Shadow | Object through which one can see clearly |
| 4 | Image | Scattering back of light by shinning surface |
| 5 | Reflection | Formed due to reflection by mirror |

 **IV. Choose the correct option in the following questions:**

1.Which of the following is a cold source of light?

a)Firefly(jugnu)

b)The sun

c)Electric bulb

d)Tube light

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Bouncing back of light from shinning surface is called

a)Bending

b)Reflection

c)Dispersion

d)Refraction

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.When an opaque object comes in the path of light it forms

a)An image with colours

b)Shadow

c)Black and white image

d)Depends on the colour of light

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.Which is an example of translucent object

a)Iron sheet

b)Glass slab

c)Wooden sheet

d)None of these

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.Which of these is a man made luminous body

a)Bulb

b)Candle

c)Lamp

d)All of these

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V. Answer the following questions:**

1. What is reflection?

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Give examples of some luminous objects .

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Motion and Measurement of Distances**

**I. Fill in the blanks:**

a) Moving ceiling fan is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ motion .

b) Rotational motion is known as \_\_\_\_\_\_\_\_\_\_\_\_\_ motion.

c) Each metre is divided into 100 equal divisions called \_\_\_\_\_\_\_\_\_\_\_ .

d) Motion is the change in the \_\_\_\_\_\_\_\_\_\_\_\_ of an object .

e) Motion in a straight line is known as \_\_\_\_\_\_\_\_\_\_\_ motion.

**II. State whether the statement is TRUE or FALSE:**

a) SI unit of length is foot . \_\_\_\_\_\_\_\_\_\_\_\_

b) Motion of a second's hand of a clock is rectilinear . \_\_\_\_\_\_\_\_\_\_\_\_\_

c) Beating of our heart is non-periodic. \_\_\_\_\_\_\_\_\_\_\_\_\_

d) Objects moving in a circular path shows circular motion. \_\_\_\_\_\_\_\_\_\_\_\_\_

e) Motion of a vehicle on a straight road is a rectilinear motion. \_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Metre | Unit to measure large distances |
| 2 | Rest | State of moving objects |
| 3 | Circular motion | State of stationary objects |
| 4 | Motion | SI unit of length |
| 5 | Kilometre | Motion of a wheel |

 **IV. Choose the correct option in the following questions:**

1. One metre is equal to

a) 10 mm

b) 1000 mm

c) 100 mm

d) 10000 mm

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. An example of rectilinear motion is

a) Apple falling from tree

b) motion of a car on the road

c) a spinning top

d) both a and b

3. 4 km is equal to

a) 400 metre

b) 40 m

c) 4000 m

d) 40,000 m

4. Which is the correct relationship?

a) 1m=100 cm

b) 1cm=100mm

c) 1 km=100 m

d) all of these

5. The SI unit of length is

a) Angul (finger)

b) Mutthi (fist)

c) Step

d) Inch

**V. Answer the following questions:**

1. What is circular motion?

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Give examples of some objects in motion.

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SORTING MATERIALS INTO GROUPS**

**I. Fill in the blanks:**

a) A thing can be made of different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b) Sand is \_\_\_\_\_\_\_\_\_\_\_ in water.

c) Iron is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ material.

d) Mustard oil is \_\_\_\_\_\_\_\_\_\_\_\_ in water.

e) Material which conduct heat are called \_\_\_\_\_\_\_\_\_\_\_\_ of heat.

**II. State whether the statement is TRUE or FALSE:**

a) Grouping is a useful process . \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Things made of gold and silver have no lustre. \_\_\_\_\_\_\_\_\_\_\_\_\_

c) All material can be felt by one or more of our senses. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) A material which do not allow light to pass through them are called opaque. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) Same things can be made from different materials. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Glass, air | Soluble in water |
| 2 | Iron sheet and cardboard | Floats on water |
| 3 | Sugar and salt | Opaque |
| 4 | Wax | Translucent |
| 5 | Oily paper sheet | Transparent |

 **IV. Choose the correct option in the following questions:**

1. Chose the opaque object from the following

a) Glass

b) Air

c) Charcoal

d) Water

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Which object shines

a) Plastic toy

b) Cotton shirt

c)Steel spoon

d)Stone piece

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Which of the following has reddish brown colour

a) Gold

b)Iron

c) Copper

d) Brass

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Which one of the following is insoluble in water?

a) Alcohol

b) Coconut oil

c) Sugar

d) Sodium Chloride

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Which is a set of transparent material?

a)Glass and air

b) Water and Air

c) Water and glass

d) All of these

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V. Answer the following:**

1. What is material? Give examples.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Name two naturally occurring materials and two man made materials.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**WATER**

**I. Fill in the blanks:**

a) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the basis of life .

b) Most of the water that human being use come from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

c) Precipitation in frozen form is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

d) Falling of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is called precipitation.

e) Ice, water and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the three states of same material.

**II. State whether the statement is TRUE or FALSE:**

a) Oceans are the major sources of sweet water. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) The process of condensation is opposite to evaporation. \_\_\_\_\_\_\_\_\_\_\_\_\_

c) Our body contains 98% of water. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) The ground water is actually the rain water. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) We should take bath by as much water as we can. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Match the following:**

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **COLUMN A** | **COLUMN B** |
| 1 | Transpiration | Suspended water droplets in atmosphere |
| 2 | Condensation | Water lost by plants |
| 3 | Fog | Conversion of steam into water |
| 4 | Ocean | Interconversion of water in various forms |
| 5 | Water cycle | The major source of water |

 **IV. Choose the correct option in the following questions:**

1. Water changes into vapours in atmosphere by

a) Transpiration

b) Condensation

c) Evaporation

d) Precipitation

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Which one is the purest form of water?

a) River water

b) Rain water

c) Ocean water

d) Ground water

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Boiling point of water is:

a) 100 Celsius

b) 101 Celsius

c) 98 celsius

d) None of the above

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Which one is not a source of surface water?

a) River and lake

b) Sea

c) Spring water

d) Rain water

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Which is a result of condensation of water vapours?

a) Rain

b) Snow fall

c) Hail

d) Tiny water droplets

Ans. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V. Answer the following:**

1. Mention three human activities which consumes water.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. What is water cycle?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_