

## Unsolved Sample Paper

Class VI

Subject: Science

Max Marks: 80

Time: 3 Hours

GENERAL INSTRUCTIONS:

- Read the instructions carefully
- All the questions are compulsory.
- Q1 to Q5 carry 1 mark each.
- Q6 carry 2 marks each.
- Q7 carry 5 marks each.
- Q8 carry 1 mark each.

1.) State whether the following statements are True or False: -

Marks: 5.0

- A. The percentage composition of nitrogen in air is 71%.
- B. Hydrogen gas is not found in the atmosphere.
- C. It is necessary to bring the fibers together to form the yarn.
- D. Bees collect honey from the flower.
- E. Water evaporates into air from oceans, rivers and lakes but not from the soil.

2.) Multiple Choice Questions (There can be more than one answer right):

Marks: 5.0

A. Choose the Conductor from the following:

- a. Gold
- b. Silver
- c. Rubber
- d. Wool

B. Cheese is prepared from: -

- a. Water
- b. Milk
- c. Plant
- d. Meat

C. Choose the insulator from the following:

- a. Copper
- b. Aluminium
- c. Plastic
- d. Wood

D. Opaque objects from the following:

- a. Moon
- b. Water
- c. Rubber
- d. Milk

E. Shape of the shadow depends upon:

- a. Shape of the object
- b. Size of source of light
- c. Position of source of light
- d. All of the above

3.) Match the items given in two columns: -

Marks: 5.0

A

Column A	Column B
Boat gets attracted towards magnet	Boat is fitted with magnet with north pole towards its head
Boat moves towards the magnet if north pole of magnet is brought near its head	Boat is made of non magnetic material
Boat floats without changing its direction	Boat is made of magnetic material
Boat floats without changing its direction	Boat is fitted with magnet with south pole towards its head

B

Column A	Column B
Wool Fiber	For making ropes
Coconut fibers	For making yarns
Unspun Cotton	For making gunny bags
Jute Fibers	For filling mattress

C

Column A	Column B
Foot	Unit of mass
Quintal	Unit of Time
Millennium	Unit of temperature
Kelvin	Unit of distance

D.

Column A	Column B
Loading	A method of making butter
Churning	Processing of settling down solid particles
Decantation	Process of separation of grains from husk
Winnowing	Method of separation of two immiscible liquids

E.

Column A	Column B
Upper Jaw	Made up of many curved bones
Lower Jaw	Present in shoulder
Rib Cage	Does not show any movement
Fixed	Present in elbow and knee
Hinge	Immovable joints present in skull
Ball and socket point	Moves sideways movement

4.) Multiple Choice (Single Answer Selection): -

Marks: 5.0

A. Which one of the following is not found in the air

- a. H<sub>2</sub>
- b. O<sub>2</sub>
- c. CO<sub>2</sub>
- d. N<sub>2</sub>

B. These are natural calamities

- a. Flood
- b. Drought
- c. Both a and b
- d. None of these

C. .... is a process of by which we can remove a liquid without disturbing the solid settled down in the bottom.

- a. Distillation
- b. Sublimation

- c. Decantation
- d. None of the above

D. The process by which plants evaporates water is called .....

- a. Transpiration
- b. Respiration
- c. Both of these
- d. None of these

E. If a magnet is hammered strongly:

- a. Its magnetic effect will decrease
- b. Its magnetic effect will remain the same
- c. Its magnetic effect will increase
- d. Anything can happen

5.) Very Short Answer Questions: -

Marks: 5.0

A. Write the ingredients of the following item

- a. Kheer
- b. Idli
- c. Omlette

B. Name four major nutrients of our diet

C. Give two examples of aquatic habitat

D. Name one modified root that you eat and one modified leaf that give support to plant

E. What are nodes?

6.) Short Answer Questions: -

**Marks: 20.0**

- A. In a complete dark room if you hold a mirror in front of you, will you see a reflection of your self?
- B. What are the two main sources of your food?
- C. Why is it difficult to hold a stainless steel glass containing hot drinks?
- D. How will you show that soil contains air in it?
- E. Write an experiment to show that air contains water vapour?
- F. What will be the steps to study the parts of a flower?
- G. Locate examples of objects which exhibit more than one kind of motion at a particular time
- H. Write down units to measure distance?
- I. Write two properties of metalloids.
- J. Write any four alphabets whose image in the mirror appears same as original letter.

7.) Long Answer Questions: -

**Marks: 30.0**

- A. What are the differences between a temporary magnet and a permanent magnet?
- B. Classify the following into conductors and insulators:
  - a. Wood
  - b. Copper
  - c. Plastic
  - d. Iron
  - e. Gold
  - f. Silver
  - g. Water
  - h. Balloon

Also suggest situation after using these elements such that the circuit will be open or

closed circuit.

C. How will you sprout the moong sprouts?

D. Discuss the process of respiration in soil organisms?

E. Discuss the features of the image formed by a plane mirror?

F. Write down the properties of silk clothes?

8.) Fill in the blanks with appropriate answers: -

**Marks: 5.0**

A. Air, water, soil and minerals are the major natural ..... of the earth.

B. Clouds consist tiny drops of .....

C. Biodegradable waste can be recycled by .....

D. Carnivores are called ..... consumers.

E. Marine water organisms live in ..... habitat.