

BCM SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA

Class-VI

Science Assignment, February 2026

Instructions:

1. Q. 1 to 3 are multiple choice type questions carries 1 mark each.
2. Q.4 to 5 are Assertion- Reason type questions carries 1 mark each.
3. Q.6 is very short answer type question carries 2 marks.
4. Q. 7 is short answer type question carries 3 marks.
5. Q. 8 to 9 are long answer type questions carries 5 marks each.
6. Q. 10 is Case Study based question

1 .Riya was playing with a Bar magnet at home, She brought it near iron nails, plastic buttons and a wooden scale. Which object will be attracted towards the magnet?

- A) All objects
- B)Plastic buttons.
- C)Iron nails.
- D) wooden scale.

2. Soil is important for plants because it –

- A)Provides sunlight
- B)Holds roots and supplies nutrients
- C)Produces oxygen
- D)Controls Temperature.

3.Plants are considered living because they _____.

- A)Cannot move
- B) Need food and water
- C)Are fixed to one place
- D)Are green in colour

Assertion/Reason

The questions (4-5) below consist of an assertion and a reason. Use the

Following key to choose the appropriate answer.

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true

4.Assertion (A)- water changes into water Vapour on heating

Reason (R) – Heating increases the movement of water particles.

5.Assertion (A): All mixtures can be separated by filtration.

Reason (R): Filtration works only for insoluble solids and liquids.

6.Meena measured the temperature of hot water using a laboratory thermometer.

a)Why is a laboratory thermometer used instead of a clinical thermometer?

b)Why should the thermometer not touch the sides of the container?

7.Aman dropped his bar magnet many times while playing. After a few days, it could not attract iron nails properly.

a) What happened to the magnet?

b) How can this loss be prevented?

8:i)During a science class, a child said that frogs do not give birth to young ones like humans.

a) How do frogs reproduce?

b) Where do they lay their egg

ii)Rahul learned that mosquito spreads diseases and breeds in dirty water.

a) Why should stagnant water not be allowed to collect?

b) Which stage of mosquito lives in water?

9 i)Meena was boiling water to make tea. She saw steam coming out of the vessel.

a) What change of state is taking place?

b) Name the state of water in steam.

ii)Ravi kept a bottle of water in the freezer. After some hours, the water became hard.

a) What change of state occurred?

b) Name the process involved.

10. Case Study

A village named Sukhpur is surrounded by forests, a river, fertile soil, and plenty of sunlight. The villagers use wood for fuel, water for drinking and irrigation, soil for farming, and sunlight for drying grains. Over the years, some people started cutting trees excessively and wasting water. Slowly, the village began facing problems like shortage of water, loss of fertile soil, and increased temperature.



1. Name any two natural resources mentioned in the case.
2. Which natural resource helps farmers in growing crops?
3. What problem was caused by excessive cutting of trees?
4. Which type of natural resource is sunlight?