



BCM SCHOOL BASANT AVENUE, DUGRI, LUDHIANA
CLASS -VI

SUBJECT – SCIENCE

DATE- AUGUST 22 ,2026.
ASSIGNMENT

MCQS

1. Neha collected a steel spoon, wooden pencil, plastic scale and glass tumbler. Her teacher asked her to identify the objects made from materials that are generally hard.

Which group is correct?

- A. Steel spoon, wooden pencil and glass tumbler**
- B. Plastic scale and cotton cloth**
- C. Cotton cloth and rubber band**
- D. Sponge and cotton cloth**

2. Meera wanted to measure the length of a curved line drawn in her notebook. She tried to measure it directly with a ruler but could not do so accurately.

Which method should she use?

- A. Use a thread along the curved line and then measure the thread with a ruler.**
- B. Use only the edge of the ruler.**
- C. Guess the length by looking at the line.**
- D. Measure the width of the notebook**

ASSERTION -REASON

a) Both assertion (A) and reason(R) are true and (R) is the correct explanation of assertion (A).

(b) Both assertion (A) and reason(R) are true, but reason (R) is not the correct explanation of assertion (A).

(c) Assertion (A) is true, but reason (R) is false.

(d) Assertion (A) is false, but reason (R) is true.

3. Assertion (A): A cactus has broad, flat leaves that lose a lot of water.

Reason (R): Cactus has spines instead of ordinary leaves.

4. Assertion (A): Dietary fibre is important for maintaining a healthy digestive system.

Reason (R): Fibre helps in the proper movement of food through the digestive tract.

5. Meena drops a magnet into sand containing iron filings. What will happen?

6.A doctor advised Riya to mix a powdered medicine in water. After stirring, the powder was no longer visible.

a) What happened to the powder?

b) What does this tell us about the powder?

7.During an activity, Anu had to measure the length of a ribbon. The zero mark of her scale was broken. She placed one end of the ribbon at the 3 cm mark and the other end at the 18 cm mark.

a) What is the length of the ribbon?

b) Why should the readings at both ends be taken?

c) Write the formula used to find its length.

8.Vansh often skips breakfast because he is in a hurry to reach school. By mid-morning, he feels hungry and finds it difficult to concentrate.

a) Why is having regular meals important?

b) What could Vansh do before going to school?

c) Name one nutritious breakfast option.

9. Riya found two identical-looking metal bars in the science laboratory. One was a magnet and the other was an ordinary iron bar. She was not allowed to use another magnet to identify them.

a) How can Riya identify the magnet?

- b) Which part of a magnet has the strongest magnetic force?
- c) What happens when like poles of two magnets are brought close?
- d) What happens when unlike poles are brought close?
- e) What will happen if a bar magnet is cut into two pieces?

10.CASE STUDY

A student measured the distance between two cities using centimetres. His teacher explained that a larger unit would be more appropriate.

Q1. Why is centimetre not convenient for measuring the distance between cities?

Q2. Which unit should the student use?

Q3. Name a suitable unit for measuring the length of a pencil.