

BCM SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA

CLASS VI

SUBJECT-SCIENCE

Ch- Materials Around Us

Ch- Temperature and its Measurement

Date: October 28,2024

Tick the correct option

1. A science teacher labelled three glass slides as P, Q and R. She painted slide Q with light blue colour, slide R with black colour and slide P was left as such. Then she asked students to put the slide on a white paper having (X) mark on it.

Students will be able to see the mark clearly (or partially)

(a) In slide P as it is translucent.

(b) In slide Q as it is translucent

(c) In slide R as it is opaque.

(d) In all the slides as paint does not change the nature of glass.

2 . How should a laboratory thermometer be held when measuring temperature?

(a) Horizontally

(b) Vertically

(c) At a 45-degree angle

(d) Upside down

a) Assertion and reason both are correct statement and reason is correct explanation for assertion.

b) Assertion and reason both are correct statement and reason is not correct explanation for assertion.

c) Assertion is correct statement but reason is wrong statement.

d) Assertion is wrong statement but reason is correct statement.

3. Assertion – some materials are soluble in water whereas some others are in soluble

Reason- different types of materials have different properties.

4. Assertion (A): Laboratory thermometer cannot be used to measure the temperature of the human body.

Reason (R): The laboratory thermometer has no kink to prevent the mercury from falling back into the bulb after temperature measurement.

5. Which among the following materials would you identify as soft materials and why? Ice, rubber band, leaf, eraser, pencil, pearl, a piece of the wooden board, cooked rice, pulses and fresh chapati.

A solid is put in a bucket of water. It floats just below the surface of the water.

What do you think is the density of the object with relation to the density of water?

6. Why clinical thermometers range from 35°C to 42°C?

7. Give reason we do not hide behind a glass window.

8. Ramesh has three glass windows in his study room. He painted one of his glass window pane with yellow colour, the other one with black and he left the third one as it is.

a. Through which window pane can he see the outside clearly?

b. Through which window he will not be able to see at all?

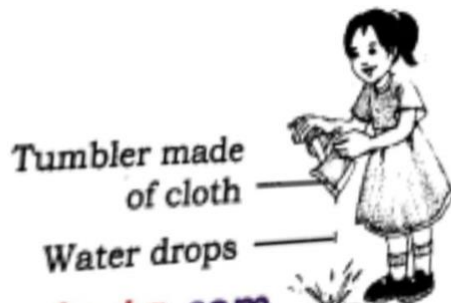
c. What will happen when he views outside through the yellow window pane.

Case Study

We should choose material to make an object Depending on its properties and The purpose for which an object is to be used.

Answer the following question

9. Why we should not use a tumbler made of cloth?



10. Phibian's Science teacher arranged the experimental setup for measuring temperature of boiling water. Show the temperature reading of boiling water taken by Phiabian on the laboratory thermometer.