

Test 4

This is a Multiple Choice Question [MCQ] Test.

It covers the chapters –

1. Force and work
2. Matter and molecules

MCQ - 1

The gravitational force between the earth and the moon causes _____.

1. Tides
2. Earthquakes
3. Volcanic eruptions
4. Avalanches

MCQ - 2

The state of matter can change when the _____ changes.

1. Altitude
2. Volume
3. Weight
4. Temperature

MCQ - 3

Matter is anything that has _____.

1. Volume
2. Height
3. Size
4. Mass

MCQ – 4

What are the three states of matter?

1. Ice, water, steam
2. Snow, liquid, water vapour
3. Atom, molecules, protons
4. Atom, molecules, protons

MCQ – 5

When I put a glass marble and a grape of the same size in water, the marble sinks and the grape floats! This is because _____

1. The water is fresh water
2. The water is sea water and hence salty
3. The grape is denser than the marble
4. The marble is denser than the grape

MCQ – 6

We cannot see molecules in water because _____

1. They are very small
2. They move very fast
3. They move very slowly
4. They are transparent

MCQ – 7

In which of the following has matter changed its state?

1. Mini mixed sand and clay to make a house.
2. Joyce cuts an apple into small pieces.
3. Rina drinks a glass of juice
4. Shikha lights a matchstick

MCQ – 8

Molecules move the slowest in _____.

1. Water vapour
2. Liquids
3. Fluids
4. Solids

MCQ – 9

A boy walking on the pavement slips on a banana peel. Why?

1. The ground has more friction than his shoes.
2. The banana peel has less friction than the ground.

3. The banana peel and shoes have more friction than the ground.
4. The ground has more friction than the shoes and banana peel.

MCQ – 10

In hot chocolate drink, chocolate powder is _____

1. The fluid
2. The solute
3. The solvent
4. The solution