

Physics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The instrument that is most suitable for measuring the thickness of a few sheets on cardboard is a.	A. Metre rule B. Measuring tape D. Micrometer screw gauge
2	Which one of the following is not a magnetic material	A. Iron B. Nickel C. Aluminium D. Cobalt
3	Which thermometer uses voltage to measure temperature of a hot body.	A. Thermocouple B. Resistance thermometer C. Liquid in glass thermometer D. Gas thermometer
4	Mercury has uniform linear expansion in liquid in glass thermometers. A liquid in glass thermometer has a mercury level of 2 cm at melting point of ice and a mercury level of 6 cm at boiling point of water. What is the distance between every 1 °C division on Celsius scale of thermometer.	A. 0.08 B. 0.04 cm C. 0.06 cm D. 1.00 cm
5	Thermometer, which is most suitable for measuring rapidly changing temperatures is.	A. Constant volume gas thermometer B. Resistance thermometer C. Thermocouple D. Liquid in glass thermometer
6	Which of the following can increase the sensitivity of liquid in glass thermometer.	A. Changes colour on temperature B. Use a longer capillary tube C. Use a bigger bulb which contains more amount of liquids D. Using long specific its
7	When an ideal gas is expanded keeping its temperature constant, its internal energy	A. Increases B. Remains the same C. Decreases D. Cannot be determined
8	Which of the following is not a form of internal energy.	A. Light energy B. Kinetic energy of the particles C. Potential energy of the particles D. Chemical energy of the bonds between the particles
9	Which statement describes the particles structure of gases.	A. Particles are tightly packed and have strong bonds B. Particles have moderate kinetic energy and move randomly C. Particles are arranged in a repeating pattern D. Particles have fixed positions and low kinetic energy
10	Gases and liquids are categorized as.	A. Liquids B. Gases C. Fluids D. Solids
11	What happens to the arrangement of particles when a solid is heated and turns into a liquid	A. Particles change their state from solid to gas B. Particles move farther apart C. Particles become more closely packed D. Particles change their state Particles start vibrating in fixed positions
		A. Plasma

Which state of matter has particles that are highly compressible and can fill any container.

- B. Solid
 - C. Gas
 - D. Liquid
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