

Physics 9th Class English Medium Unit 7 Online Test

C-	Overtions	Anguaga Chair-
Sr	Questions	Answers Choice
1	Which thermometer uses voltage to measrue temperature of a hot body.	A. Thermocouple B. Resistance thermometer C. Liquid in glass thermometer D. Gas thermometer
2	Mercury has unifform linear expansionin 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 evry 1 oC division on Celsius scale of themrmometer.	A. 0.08 B. 0.04 cm C. 0.06 cm D. 1.00 cm
3	Thermometer, which is most suitabel for measuring rapid changing temperatures is.	A. Constant volume gas therometer B. Resistance thermometer C. Thermocouple D. Liquid in glass thermometer
4	Which of the following can increase the sensitivity of liquid in glass thermometer.	A. Changes colour on temperture B. Use a longer capillary tube C. Use a bigger bulb which contains more amount of liquids D. Using long specific its
5	When an ideal gas is expanded keeping its temperatur econsitant, its internal energy	A. Increases B. Remains the same C. Decreases D. Cannot be determined
6	Which of the following is not a form of internal energy.	A. Light energy B. A kinetic energy of the particles C. Potential energy of the particles D. Chemical energy of the bonds between the particles
7	Which statement describes the particles structure of gases.	A. Particles are tightly packes and have storng 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
8	Gases and liquids are categorized as.	A. Liquids B. Gases C. Fluids D. Solids
9	What happpens 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. Particle sbecome more closely packed D. Partcles chagne thier state <div> <</br></br></br></div>
10	Which state of matter has particles that are highly compressible and can fill any container.	A. Plasma B. Solid C. Gas D. Liquid
11	In which of the materials, particles have only vibrational motion.	A. Liquids B. Solid C. Plasma D. Gas
12	How many phases of mater are there.	A. 2 B. 1

D. 4