

## Physics 9th Class English Medium Unit 7 Online Test

Sr	Questions	Answers Choice
1	How dow the molecules in a solid behave.	A. Move randomly B. Move in a stragiht line rom hot to cold ends C. Vibrate about their mean position D. Rotate and vibrae randomly at their own positions
2	What type of motion is of the molecules in a gas.	A. Random motion B. Linear motion C. Vibratory motion D. Rotatory motion
3	Temperatur eof substance is	A. The total amount of heat contained in it B. Degree of hotness of coldness C. The total nuber of molecules in it D. Dependent upon the intermolecular distance
4	Heat is the	A. The energy in transit B. Total kinetic energy of the molecules C. The internal energy D. Work done by the olecules
5	In Kelvin scale, the temperature corresponding to melting point of ice is	A. +273 B273 C. 32 D. Zero
6	The temperature which has the same value on Celcius and Fahrenheit scale is.	A45 B. +40 C40 D. +45
7	Which one is a better choice for a liquid in glass thermometer is that.	A. Wets glass B. ls colourless C. ls a bad conductor D. Expand linearly
8	One disadvantage of using alcohol in a liquid in glass therometer.	A. It wets the glass tube B. It has large expansivity C. It has low freezign point (-112 oC) D. Its expansion is linear
9	Water is not a used as a thermometric liquid mainly due to.	A. Non linear expansion B. Clourless C. Low boiling point (100 oC) D. A bad conductor of heat
10	A thermometer has a narrow capillary tube so that it.	<ul> <li>A. Gives alarge chagne for a given temperture rise</li> <li>B. Quickly responds to temperature changes</li> <li>C. Can read the maximum temperature</li> <li>D. Can measure a large range of temperature.</li> </ul>
11	Which thermometer is most suitable for recording rapidly varying temperture.	<ul> <li>A. Alcohol in glass thermometer</li> <li>B. Thermocouple thermometer</li> <li>C. Mercury in glass laboratory thermometer</li> <li>D. Mercury in glass clinical thermometer</li> </ul>
12	How many phases of mater are there.	A. 2 B. 1 C. 3 D. 4
13	In which of the materials, particles have only vibrational motion.	A. Liquids B. Solid C. Plasma D. Gas

15       What happpens to the arrangement of particles when a solid is heated and turns into a liquid       Particles science more closel packed         15       What happpens to the arrangement of particles when a solid is heated and turns into a liquid       Particles science the science closel packed         15       What happpens to the arrangement of particles when a solid is heated and turns into a liquid       Particles science closel packed         16       Gases and liquids are categorized as.       A Liquids         16       Gases and liquids are categorized as.       B Gases         17       Which statement describes the particles structure of gases.       A Particles arearged in a regregation of the particles structure of gases.         18       Which of the following is not a form of internal energy.       A Net close are arranged in a regregation of the particles structure of gases.         19       Which of the following is not a form of internal energy.       A horeases         20       Which of the following can increase the sensitivity of liquid in glass thermometer.       C Particles are arranged in a regregation concernation of liquids in glass thermometer.         21       Thermometer, which is most suitabel for measuring rapid changing temperatures is.       A Constant volume gas thermometer area on a regregation of the temperature of and menory level of C mat melling point of los and a menory level of C mat melling point of los and a menory level of C mat melling point of los and a menory level of C mat meling point of los and a menory level of C mat m			
15       What happpens to the arrangement of particles when a solid is heated and turns into a liquid       Particles modes father aget 10, Particles father 10, P	14	Which state of matter has particles that are highly compressible and can fill any container.	B. Solid C. Gas
16       Gases and liquids are categorized as.       B. Gases         17       Which statement describes the particles structure of gases.       A Particles are tightly packes ar have storng bonds         17       Which statement describes the particles structure of gases.       A Particles have moderate knell energy and move randomly         18       Which of the following is not a form of internal energy.       A Light energy         18       Which of the following is not a form of internal energy.       A Light energy         19       When an ideal gas is expanded keeping its temperatur econsitant, its internal energy.       A. Increases         20       Which of the following can increase the sensitivity of liquid in glass thermometer.       A Changes colour on temperture         21       Thermoeuple       A Constant volume gas thermometer       A Constant volume gas thermometer         21       Thermoeuple       D. Liquid in glass thermometers, A liquid in glass thermometer       A constant volume gas thermometer         22       Mercury has unifform linear expansionin liquid in glass thermometers, A liquid in glass thermoeuple       A 0.08         22       Mercury has unifform linear expansionin liquid in glass thermometers, A liquid in glass thermoeuple       A 0.08         23       Which harmoeuples to measuring temperature of a hardow in on Clesius scale of a matrix of a mercury level of 2 cm at melting point of ice and a mercury level of 6 cm at boiling point of water.	15	What happpens to the arrangement of particles when a solid is heated and turns into a liquid	B. Particles move farther apart C. Particle sbecome more closely packed D. Partcles chagne thier state <div> </div> <div> </div> <div><div> </div><div><div> </div><div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div><div> </div> </div><div> <div> </div> </div> </div><div> </div> </div>               <div>        </br></div>
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19       When an ideal gas is expanded keeping its temperatur econsitant, its internal energy       B. Remains the same C. Decreases D. Cannot be determined         20       Which of the following can increase the sensitivity of liquid in glass thermometer.       A. Changes colour on tempertur B. Use a longer capillary tube C. Use a bigger bulb which conta more amount of liquids D. Using long specific its         21       Thermometer, which is most suitabel for measuring rapid changing temperatures is.       A. Constant volume gas thermometer B. Resistance thermometer         22       Mercury has unifform linear expansionin liquid in glass thermometers, A liquid in glass thermometer.       A. 0.08 B. 0.04 cm C. 0.06 cm D. 1.00 cm         23       Which thermometer uses uniform to measuring temperature of a bot body.       A. Thermocouple B. Resistance thermometer	18	Which of the following is not a form of internal energy.	<ul><li>B. A kinetic energy of the particles</li><li>C. Potential energy of the particles</li><li>D. Chemical energy of the bonds</li></ul>
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D. Gas thermometer	23	Which thermometer uses voltage to measrue temperature of a hot body.	B. Resistance thermometer C. Liquid in glass thermometer