

Physics 9th Class English Medium Unit 7 Online Test

Sr	Questions	Answers Choice
1	Which thermometer is most suitable for recording rapidly varying temperature.	A. Alcohol in glass thermometer B. Thermocouple thermometer C. Mercury in glass laboratory thermometer D. Mercury in glass clinical thermometer
2	A thermometer has a narrow capillary tube so that it.	A. Gives large change for a given temperature rise B. Quickly responds to temperature changes C. Can read the maximum temperature D. Can measure a large range of temperature.
3	Water is not used as a thermometric liquid mainly due to.	A. Non linear expansion B. Colourless C. Low boiling point (100 °C) D. A bad conductor of heat
4	One disadvantage of using alcohol in a liquid in glass thermometer.	A. It wets the glass tube B. It has large expansivity C. It has low freezing point (-112 °C) D. Its expansion is linear
5	Which one is a better choice for a liquid in glass thermometer is that.	A. Wets glass B. Is colourless C. Is a bad conductor D. Expands linearly
6	The temperature which has the same value on Celsius and Fahrenheit scale is.	A. -45 B. +40 C. -40 D. +45
7	In Kelvin scale, the temperature corresponding to melting point of ice is	A. +273 B. -273 C. 32 D. Zero
8	Heat is the	A. The energy in transit B. Total kinetic energy of the molecules C. The internal energy D. Work done by the molecules
9	Temperature of substance is	A. The total amount of heat contained in it B. Degree of hotness or coldness C. The total number of molecules in it D. Dependent upon the intermolecular distance
10	What type of motion is of the molecules in a gas.	A. Random motion B. Linear motion C. Vibratory motion D. Rotatory motion
11	How do the molecules in a solid behave.	A. Move randomly B. Move in a straight line from hot to cold ends C. Vibrate about their mean position D. Rotate and vibrate randomly at their own positions