

1. It is a part of wall clock and performs oscillatory motion. its time period is fixed. it is
(a) a pendulum (b) bob of pendulum (c) pendulum clock (d) none of these
2. An object has travelled 10 km in 15 minutes, its displacement will be
(a) 10 km (b) Zero (c) less than 10 km (d) All of the above
3. The motion in which all points of a body move through equal distance in equal times is
(a) rotatory motion (b) uniform motion (c) circular motion (d) translatory motion
4. Select the instrument that can measure time most accurately
(a) Sundial (b) Quartz Watch (c) pendulum Clock (d) Watch with balance wheel
5. The time taken to complete 20 oscillations by a seconds pendulum is
(a) 20 s (b) 50 s (c) 40 s (d) 5s
6. Good absorbers of heat are
(a) poor emitters (b) non-emitters (c) Good emitters (d) highly polished
7. The temperature of the sun is measured with
(a) platinum thermometer (b) gas thermometer
(c) Pyrometer (d) vapour pressure thermometer
8. Temperature is a
(a) microscopic concept (b) macroscopic concept
(c) space time concepts (d) none of the above
9. How is heat transferred through the base of a metal saucepan ?
(a) By conduction only (b) by radiation only
(c) by conduction and convection (d) by convection and radiation
10. For a clinical thermometer we use as solid and a liquid. the liquid used in a clinical thermometer is
(a) a metal (b) a non metal
(c) neither metal or non metal (d) none of the above is correct
11. A parallel beam of rays falling on a concave lens
(a) are scattered (b) remain parallel (c) are diverged (d) are converged