

Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	A wheel of radius 50 cm having an angular speed of a rad /s have linear speed.	A. 1.5 m/s B. 3.5 m/s C. 2.5 m/s D. 4.5 m/s
2	2 radian = ____	A. 2 m B. 4 m C. 57.3 m D. 114.6 m
3	Which quantity of the following is dimensionless.	A. Angular velocity B. Centripetal force C. Angular acceleration D. Angular displacement
4	All point of the rigid body rotating about a fixed axis do not have same.	A. Angular acceleration B. Angular speed C. speed D. Angular displacement
5	The SI unit of angular displacement is.	A. Degree B. Revolution C. Radian D. Rotation
6	100 radians are equal to.	A. 57.3 ^o B. 75.3 ^o C. 573 ^o D. 5730 ^o
7	One revolution is equal to.	A. 90 ^o B. 180 ^o C. 360 ^o D. 270 ^o
8	Pi radian is equal to.	A. 0 ^o B. 90 ^o C. 180 ^o D. 57.3 ^o
9	One radian is equal to.	A. 75.3 ^o B. 57.3 ^o C. 35.7 ^o D. 73.3 ^o
10	The motion of a body moving along a circular path is called.	A. Translational motion B. Angular motion C. Vibratory motion D. Linear motion
11	_____ is bio fuel	A. Water B. Petrol C. Ethanol D. Oil
12	Hot igneous rocks, usually in molten or partly molten state are found in the depth of	A. 5 km B. 10 km C. 15 km D. 20 km
13	Bio mass is converted into fuel by	A. Evaporation B. Fermentation C. Reflection D. Scattering
14	A layer of rock holding water that allows water to percolate through it with pressure is called.	A. Geyeser B. Aquifer C. Stem vent D. Hot spring
15	The unit of solar light inversely is	A. Watt B. kW m ⁻² C. Watt m ⁻² D. 1 m ²

16	The value of solar constant.	A. 1.4 kW m ⁻² B. 1.0 kW m ⁻² C. 1.6 kW m ⁻² D. 2 kW m ⁻²
17	Which one is non renewable source of energy.	A. Hydro electric B. Bio mass C. Tides D. Oil