

Physics ICS Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Pi radian is equal to.	A. 0 ^o B. 90 ^o C. 180 ^o D. 57.3 ^o
2	One radian is equal to.	A. 75.3 ^o B. 57.3 ^o C. 35.7 ^o D. 73.3 ^o
3	The motion of a body moving along a circular path is called.	A. Translational motion B. Angular motion C. Vibratory motion D. Linear motion
4	The artificial satellites are held in orbits by	A. Gravitational force B. Electric force C. Magnetic force D. All of these
5	The orbital angular momentum is associated with the motion of a body along	A. Straight path B. Circular path C. Curved path D. Along any path
6	In case of planets centripetal force is provided by	A. Coulomb's force B. Electrostatic force C. Gravitational force D. Magnetic force
7	The work done by centripetal force is	A. (-)ve B. (+)ve C. Maximum D. Zero
8	The moment of inertia is analogue to	A. Mass B. Weight C. Torque D. Force
9	The angle between circumference of a circle and center is	
10	The formula of centripetal acceleration is	
11	The equations of angular motion hold only in case when the axis of rotation is	A. Moving B. Fixed C. Both a and b D. None of these
12	The relation between linear and angular velocity is	
13	The direction of angular acceleration is	A. Along the axis of rotation B. Perpendicular to the axis of rotation C. Opposite to axis of rotation D. None of these
14	The angular acceleration α =	
15	Angular velocity determines, How fast or, How slow a body is	A. Accelerating B. Vibrating C. Rotating D. Oscillating
16	Time rate of change of angular displacement is called	A. Linear velocity B. Angular velocity C. Rotational velocity D. Vibrational velocity
17	Question Image	