ECAT Physics Online Test

Sr	Questions	Answers Choice
1	The direction of the acceleration is the same as that of	A. speed B. velocity C. both of them D. none of them
2	Velocity of a body changes if	A. direction of the body changes B. speed of the body changes C. neither speed nor direction changes D. either speed or direction changes
3	If the instantaneous velocity of a body does not change. the body is said to be moving with	A. average velocity B. uniform velocity C. instantaneous velocity D. variable velocity
4	The instantaneous velocity is define as the limiting value of Δd/Δt on the time intervalΔt approaches to	A. zero B. maximum C. minimum D. infinity
5	The velocity of a body at any instant of its motion is known as	A. average velocity B. instantaneous velocity C. uniform velocity D. none of them
6	If a ball comes back to its starting point after bouncing off the wall several times, then its	A. total displacement is zero B. average velocity is zero C. none of them D. both of them
7	When we consider the average velocity of a body, then the body is moving in	A. straight line B. curved path C. may be in a straight or curved path D. none of them
8	If d is the displacement of the body in time t, then its average velocity will be	A. V_{av}= d x t B. V_{av = t/d} C. V_{av = d/t} D. V_{av = d/t}
9	Dimensions of velocity are	A. [L] B. [T] C. [LT⁻¹] D. [LT⁻²]
10	Velocity is a	A. scalar quantity B. vector quantity C. constant quantity D. none of them
11	The direction of velocity is along the direction of	A. distance B. displacement C. acceleration D. all of them
12	The displacement coincides with the path of the motion when a body moves is a	A. curved line B. straight line C. may be curved or straight D. none of them
13	The magnitude of the displacement is a line from initial position to final position which is	A. straight B. curved C. either be curved or straight D. none of them
14	A change in position of a body from its initial position to its final position is known as	A. relative motion B. displacement C. distance D. acceleration