

Physics 9th Class English Medium Unit 2 Online Test

Sr	Questions	Answers Choice
1	Slope of distance-time graph is.	A. Speed B. Velocity C. Acceleration D. Displacement
2	Area under speed-time graph is equal to.....of moving body	A. Acceleration B. Distance C. Change in velocity D. Uniform velocity
3	Ball dropped freely from a tower reaches ground in 4 s, the speed of impact of ball is.	A. 2.45 m/s B. 39.2 m/s C. 0 m/s D. 19.6 m/s
4	A car is moving with velocity of 10 m/s. If it has acceleration of 2 m/s ² for 10 seconds. What is final velocity of the car.	A. 20 m/s B. 10 m/s C. 30 m/s D. 15 m/s
5	If a cyclist has acceleration of 2 m/s ² for 5 seconds, the change in velocity of the cyclist is.	A. 15 m/s B. 10 m/s C. 2 m/s D. 20 m/s
6	A rider is training a horse. The horse moves 60 meters towards right in 3 seconds. Then it turns back and travels 30 meters in 2 seconds. Find its average velocity.	A. 18 m/s B. 6 m/s C. 0 m/s D. 35 m/s
7	In 5 s a car accelerates so that its velocity increases by 20 m/s. The acceleration is	A. 0.25 m/s ² B. 4 m/s ² C. 100 m/s ² D. 25 m/s ²
8	A ball is thrown straight up, what is the magnitude of acceleration at the top of its path.	A. 9.8 m/s ² B. zero C. 19.6 m/s ² D. 4.9 m/s ²
9	A cyclist is travelling in a westward direction and produces a deceleration of 8 m/s ² to stop	A. West B. North C. East D. South
10	Motion of a screw of rotating fan is	A. Circular Motion B. Vibratory motion C. Rotatory motion D. Random Motion
11	When the slope of a body's displacement-time graph increases the body is moving with	A. Constant velocity B. Increasing velocity C. Decreasing velocity D. All of these
12	A girl walks 3 km towards west and 4 km towards south. What is the magnitude of her total distance and displacement respectively.	A. 7 km, 5 km B. 7 km, 7 km C. 1 km, 7 km D. 7 km, 1 km