

1st Year Fsc Physics Online Test

Sr	Questions	Answers Choice
1	Unit of impulse is equivalent to that of.	A. Force B. Momentum C. Acceleration D. Velocity
2	The dimensional unit of impulse is.	A. [MLT] B. [MLT ⁻¹] C. [ML ⁻¹ T ⁻¹] D. [M ⁻¹ L ⁻¹ T ⁻¹]
3	Change of momentum is equal to	A. Force B. Tension C. Impulse D. Pressure
4	The rate of change of momentum is equal to	A. Impulse B. Torque C. Velocity D. Force
5	Kg ms ⁻¹ can also be written as	A. Nm B. Ns C. Ns ⁻¹ D. Js
6	A man of 5000 kg moves with an acceralation of 1 ms ⁻² force acting on it is.	A. 5 N B. 500 N C. 50 N D. 5000 N
7	No body begins to move or comes to rest of itself was given by	A. Newton B. Pascal C. Bernoulli D. Bu Ali Sina
8	Inertia may expressed in	A. Kg B. Newton C. Watt D. Joule
9	The velocity of a free falling body just before Hattin the ground is 9.8 ms ⁻¹ , the height through which is fall be	A. 98 m B. 19.6 m C. 4.9 m D. 9.8 m
10	An object of mass 1 kg moving with acceleration 0 1 ms ⁻² will experience a force of.	A. 10 ⁻² N B. 10 ⁻³ N C. 1 N D. 1 dyne
11	The mass of an object is quantitative measure 0 its	A. Momentum B. Acceleration C. Inertia D. Energy
12	A mass of 1 kg is freely falling. The force of gravity is.	A. 1 N B. 9.8 N C. 0.5 N D. Zero
13	A ball is thrown up vertically, it takes 3 sec to reach maximum height. Its initial velocity is.	A. 10 ms ⁻¹ B. 12.2 ms ⁻¹ C. 15 ms ⁻¹ D. 29.4 ms ⁻¹
14	Distance covered by a freely falling body is 2 seconds will be	A. 9.8 m B. 19.6 m C. 44.4 m D. 49 m
15	A bullet shot straight up, return to its starting point in 10 sec. Its initial speed was	A. 9.8 ms ⁻¹ B. 24.5 ms ⁻¹ C. 49 ms ⁻¹ D. 98 ms ⁻¹

16	When velocity time graph is a straight line parallel to time axis then	A. Velocity is zero B. Acceleration is constant C. Acceleration is zero D. Velocity is variable
17	If the slope of the velocity time graph remain constant then body is moving with.	A. Uniform velocity B. Negative variable acceleration C. Variable acceleration D. Uniform acceleration