

1st Year Fsc Physics Online Test

Sr	Questions	Answers Choice
1	The terminal velocity of a droplet falling down under gravity is directly proportional to the square of	A. Its density B. Its radius C. Its viscosity D. Its elasticity
2	If the radius of droplet becomes half, then its terminal velocity will become.	A. Double B. Half C. One fourth D. Remains same
3	The dimension of viscosity are	A. $[M^2L^{-2}T^2]$ B. $[M^{-1}LT^{-1}]$ C. $[M^{-1}L^{-1}T]$ D. $[ML^{-1}T^{-1}]$
4	The unit of co efficient of viscosity in S.I system	A. Kg -1 ms -1 B. Kg m -1 s -1 C. kg -1 m -1 D. Kg ms -1
5	Stoke's law holds for bodies having.	A. Spherical shape B. Oblong shape C. Rectangular shape D. All shapes
6	Which material has maximum viscosity	A. Glycerin B. Plasma C. Methanol D. Water
7	The law of conservation of mass gives.	A. Beronoulli's B. Venturi relation C. Torricelli's theorem D. Equation of continuity
8	Einstein's theory gives us the physical picture of how the	A. Body moves B. Gravity works C. Moment of inertia produced D. Weightlessness creates
9	How many orbiting satellites from the Global positing system.	A. 3 B. 12 C. 24 D. 22
10	A communication satellite is used ot reflect the signal of.	A. Microwaves B. Radio waves C. y rays D. x-rays
11	Time period of geostationary satellite of radius 'R' is	A. 1 hour B. 48 min C. 1 day D. 1 month
12	International Telecommunication satellite	A. 4,6,8 and 10 Hz B. 4,6,11 and 14 GHz C. 4,6,8 and 12 Hz D. 4,8,11 and 16 GHz
13	INTELSAT VI satellite operates at microwave frequencies of.	A. 2,4,6,10 GHz B. 4,6,11 and 14 MHz C. 4,6,11 and 14 GHz D. 2,4,6 AND 14 GHz
14	The largest satellite system is managed by	A. 116 countries B. 126 countries C. 136 countries D. 140 countries
15	The minimum number of correctly positioned communication satellites to cover whole populated earth is.	A. 2 B. 3 C. 100 D. 200

16	As we go from pole to equator of earth, the value of 'g'	A. Increase B. Decrease C. Remain constant D. Zero
17	Height of geo stationary orbit of the satellite above the earth is.	A. 300 km B. 250 km C. 400 km D. None of these