Physics Fsc Part 1 Full Book Online Test

Sr	Questions	Answers Choice
1	In medical field, a venture mask used to deliver a known oxygen concetation to patients operates is based on.	A. Newton's thrid law B. Archimedes principle C. Pascal's law D. Beronoulli's thermal conductivity
2	Longitudinal waves do not exhibit.	A. Polarization B. Reflection C. Diffraction D. Refraction
3	A solid is which there is no regular arrangeemnt of molecules is called.	A. Crystalline B. Amorphous C. Copper D. None of these
4	Electric flux is a	A. Scalar Quantitiy B. Vector Quantity C. Base Quantity D. None
5	speed of fluid flow is measured by	A. Sphygmomanometer B. Barometer C. Hydrometer D. Venturi Meter
6	Relativistic velocity is of the order of.	A. 1/15 of the velocity of light B. 1/20 of the velocity of light C. 1/10 of the velocity of light D. 1/25 of the velocity of light
7	If a stretched string is 4 m and it has 4 loops of stationary waves, then wavelength is.	A. 1 m B. 2 m C. 3 m D. 4 m
8	Radar System is an application of.	A. Interference B. Beats C. Stationary waves D. Doppler's Effect
9	If A x B points along positive z-axis, then vector A and B must lie in.	A. y Z -plane B. X y -plane C. X Z -plane D. x 0 - Plane
10	A positive charge is placed at the center of sphere of radius r, then the electric flux depends upon	A. The radius of the sphere B. Quantity of charge C. The intensity of the electric field D. All of the above
11	The condition of maximum intensity of light in a polarization experimentis when.	A. The light wave and analyzer are perpendicular B. The ligh wave and analyzer are parallel C. The ligh wave and analyzer are at an angle of 45° D. The light wave and analyzer are at an angle of 60 ^o
12	Law of consrvation of angular momentum is importnat in.	A. Diving B. Gymnastics C. Ice Skating D. All of these
13	The fundamental dquation is fluid dynamics that relates to pressure, speed and height is.	A. Bernoulli's equation B. Contnuity equaiton C. Energy equation D. Force equation

14	The diameter of a steel ball is measrued using a Vernier callipers and its eading is shown in the figure. whant is the diameer ofthe stell ball.	A. 1.30 cm B. 1.39 cm C. 1.40 cm D. 1.31 cm
15	The Diment sions of moment of inertia are	A. [ML2] B. [ML-2] C. [ML3] D. [ML]
16	A body rest may have.	A. Speed B. Energy C. Velocity D. Momentum
17	Internal energy of a substance, is directly proportional to	A. T B. V C. W D. P
18	A changing magnetic field produces	A. Electric current B. Changing electric fiedl C. Magnetic field D. Conservative field
19	The region of stress-stain curve which obeys Hook's law is.	A. Propoertional Limit P B. lastic region E C. lastic region P D. yield limit Y
20	The unit NA-1 m-1 is called	A. Weber B. Tesla C. Coulomb D. None of these