

Physics Fsc Part 1 Full Book Online Test

Sr	Questions	Answers Choice
1	The bending of waves around an obstacle is called.	A. Refraction B. Reflection C. Diffraction D. Interference
2	A man inside the artificial satellite feels weightlessness because the force of attraction due to the earth is.	A. Zero at pole B. Balanced by the force of attraction due to the moon C. Equal to the centripetal force D. Non effective due to some particular design of the satellite
3	Kilowatt hour is unit is.	A. Power B. Work C. Force D. Momentum
4	Entropy of a system in reversible process	A. Fluctuates B. Increases C. Is infinite D. Decrease
5	According to kinetic theory of gases, the size of the molecule is.	A. Much smaller than the separation between molecules B. Much larger than the separation between molecules C. Both a and b D. Much larger than the separation between atoms
6	Uncertainty may occur due to	A. Limitation of an instrument B. Personal negligence C. Natural variance of the object D. All of the above
7	The time taken by the light to reach from sun to earth is.	A. 1 min - 20 sec B. 1 min - 40 sec C. 9 min - 20 sec D. 8 min - 20 sec
8	The purpose of study and discoveries in Physics is.	A. The betterment of mankind B. The betterment of mankind C. The development of destructive technology in warfare D. Development in aesthetics for the world
9	The S.I Unit of Modulus of elasticity is.	A. Coulomb B. Pascal C. Ampere D. None of these
10	If P = pressure, ΔV = change in volume, $P \Delta V$ represents	A. Work B. Density C. Power D. Temperature
11	Two identical waves moving in same direction produce.	A. Beats B. Interference C. Stationary D. Diffraction
12	The best instrument used for the accurate measurement of e.m.f. of a cell is.	A. potentiometer B. Wheatstone bridge C. Ammeter D. Voltmeter

13	Total number of magnetic lines of force passing normally through unit area is called.	A. Flux density B. Magnetism C. Flux D. Magnetic flux
14	A polaroid is.	A. A device used in polarimeter B. A light filter C. A device used to analyze polarized light D. All of these
15	The beats are result of.	A. Interference B. Superposition C. Destructive interference D. Constructive and destructive interference
16	Artificial gravity is provided to the satellite by	A. Velocity B. Weight C. Acceleration D. Rotating around a vertical axis
17	We can polarize the light by passing it through.	A. Water B. Polaroid C. Glass D. Prism
18	Magnetic field is detected by	A. Ammeter B. Galvanometer C. Magnetic compass D. Avometer
19	If $A \cdot B = 0$ when vector A and B are parallel or anti parallel, then either A or B is a	A. Equal B. Null Vector C. Perpendicular D. Not Zero
20	The sum $12 \text{ kg} + 2.02 \text{ kg} + 5.1 \text{ kg}$ according to appropriate precision is	A. 19 kg B. 19.0 kg C. 19.1 kg D. 19.12 kg