Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	What can be calculated from the curve under PV graph.	A. Heat B. Work done C. Temperatures D. Internal energy
2	The number of nodes hetween two consectutive antinodes are.	A. Two B. Three C. One D. Four
3	Which one of the following forces has negligible effect betweent eh elementary particles.	A. Strong nuclear force B. Graitational force C. Weak force D. Electromagnetic force
4	A changing magnetic field produces	A. Electric current B. Changing electric fiedl C. Magnetic field D. Conservative field
5	Which one of thefollowing pari of particles creaes annihilation	A. Proton proton B. Proton neurton C. Electron position D. Neuttron - photon
6	Which of the following is a better shield angainst gama rays.	A. Heavy water B. Ordinary water C. Lead D. Aluminum
7	Gaussian surface is	A. Imaginary B. Closed C. Both a and b D. Real
8	Number of neutrons in. 235 U 92	A. 143 B. 92 C. 235 D. 327
9	Whenever current is drawn from a cell, its terminal potential differecne and emf become.	A. Different B. Same C. Zero D. Negative
10	The result of constructive interference between two waves is represented as.	A. A decrease in amplitude B. An increase in amplitude C. No change in amplitude D. A shift in phase
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^o D. The light wave and analyzer are at an angle of 60 ^o
12	Lenz's law deals with the.	A. Magnitude of induced current B. Magnitude of induced emf C. Direction of induced emf D. Direction of induced current
13	One of the following quantities that is not affected by the magentic field is	A. Moving charge B. Change in magenetic flux C. Current flowing in conductor D. Stationary charge

14	The SI Unit of magnetic flux is.	A. Weber B. N m-1 C. N m A-1 D. Both a and c
15	The sum of all forms of molecular energies of substance is termed as	A. Kinetic energy B. Potential energy C. Internal energy D. Heat energy
16	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
17	Thermodynamics mostly deals with.	A. Measuremetn of quantity B. Transfer of quantity of heat C. Change of state D. Conversion of heat to other forms of energy
18	Which can be used as unit of energy.	A. watt sec B. Nm-1 C. VC-1 D. VA
19	If electric current flows from top towards the bottom through a wire then the direction of lines of force would be .	A. Parallel to the wire B. Perpendicular to the wire C. Clockwise around the wire D. Anticlockwise around the wire
20	The spontaneous emission of Alpha , Beta and gama ratiations from certin element is called.	A. Black body radiations B. Artificial radio activity C. Natural radio activity D. All of above