

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
2	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
3	Mutual induction play role in.	A. Generator B. D.C. motor C. Galvanometer D. Transformer
4	Charge on an electron was determined by	A. Ampere B. Millikan C. Maxwell D. Bohr
5	Electromagnetic induction obeys law of conservation	A. Charge B. Energy C. Momentum D. Mass
6	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
7	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
8	A current carrying conductor experience maximum magnetic force in a uniform magnetic field when it is placed.	A. Perpendicular to field B. Parallel to field C. At an angle of 60° to the field D. None of these
9	The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:	A. $1:2$ B. $2:1$ C. $1:3$ D. $4:3$
10	The north pole of a magnet is brought near a metallic ring. The direction of induced current in the ring will be:	A. Antoclockwise B. Clockwise C. First Clockwise and then Antoclockwise D. First anticlockwise and then Clockwise
11	If 13.6 eV energy is required to ionize the hydrogen atom, then the required energy to remove an electron from $n=2$ is:	A. 10.2 eV B. 0 eV C. 3.4 eV D. 6.8 eV
12	A voltmeter is always connected in	A. Parallel B. Series C. Perpendicular D. Straight line
13	A capacitor is perfectly insulator for:	A. Direct current B. Alternating current C. Direct as well as alternating current

		D. None of these
14	The following gas was identified in the sun using spectroscopy	A. Hydrogen B. Helium C. Carbon D. Nitrogen
15	Glass and high steel carbon are example of.	A. Ductile substances B. Brittle substances C. Soft substances D. Hard substances
16	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy
17	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature
18	In an nihilation emitted photons moves in opposite directions to conserve.	A. Mass B. Charge C. Energy D. Momentum
19	The electric field created by positive charge is	A. Radially inward B. Zero C. Circular D. Radially outward
20	100 micro F capacitor is connects to an AC voltage 24 V and frequency 50 Hz. The reactance of the capacitor is.	A. 30.8 Ohm B. 31.8 Ohm C. 34.8 Ohm D. 40 Ohm