

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Application of wave like nature of particle is	A. Photodiode B. Optical microscope C. Electron microscope D. Compound microscope
2	A voltmeter is always connected in	A. Parallel B. Series C. Perpendicular D. Straight line
3	Magnetic effect of current is used in.	A. Toaster B. Electric iron C. Electric motor D. D.C. Battery
4	In metal detector, we use.	A. L-C circuit B. R-L circuit C. R-C circuit D. RLC series circuit
5	1 Henry =	A. VSA^{-1} B. $VS^{-1}A^{-1}$ C. $V^{-1}SA$ D. VSA^{-2}
6	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
7	Conductors have conductivities of order:	A. $10^{3}(\Omega m)^{-1}$ B. $10^{7}(\Omega m)^{-1}$ C. $10^{7}(\Omega m)^{-1}$ D. $10^{-6}(\Omega m)^{-1}$
8	Resistance tolerance for gold colour is.	A. 50% B. 30% C. 20% D. 5%
9	A rheostat can operate as.	A. Amplifier B. Potential divider C. Oscillator D. Transformer
10	Compton effect proves.	A. Wave nature of radiation B. Wave nature of particle C. Dual nature of particle D. Particle nature of radiations
11	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
12	The mean value of A.C. in a cycle is.	A. 1 B. 0 C. I2 D. Nil
13	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
14	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m2 D. All of the above
15	106 electrons are moving through a wire per second the current developed is:	A. $1.6 \times 10^{-19} A$ B. 1 A C. $1.6 \times 10^{-13} A$ D. 106 A

16	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
17	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
18	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric D. Interference
19	Greater concentration of impurity is added in.	A. Base B. Emitter C. Collector D. LED
20	Capacitance of a capacitor does not depend upon.	A. Distance between plates B. Area of plates C. Electric field between plates D. Medium between plates