

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Energy needed to produce an electron hole in solid state detector is.	A. 1 to 2 eV B. 3 to 4 eV C. 6 to 7 eV D. 8 to 9 eV
2	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
3	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above
4	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P -type semi conductor
5	A.C is converted into D.C by	A. Dynamo B. Rectifier C. Motor D. Transformer
6	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
7	A 50 mH coil carries a current of 2.0 a , then energy stored in tis magnetic field is.	A. 0.1 J B. 10 J C. 100 J D. 1000 J
8	Drum of photocopier is made of.	A. Copper B. Aluminium C. Nickel D. Cobalt
9	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
10	When a conductor moves across a magnetic field an emf is set up this emf is called.	A. Variable emf B. Constant emf C. Back emf D. Induced emf
11	Two parallel wires carrying currents in the opposite direction.	A. Repel each other B. Attract each other C. Have no effect upon each other D. They cancel out their individual magnetic fields.
12	1 amu is equal to	A. $1.0606 \times 10^{-27}$ kg B. $1.66 \times 10^{-31}$ kg C. $1.66 \times 10^{-34}$ kg D. $1.66 \times 10^{-19}$ kg
13	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
14	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above
15	When meta l is heated sufficiently electrons are given off by the metal. This phenomenon is known as.	A. Photoelectric effect B. Piezo electric effect C. Thermionic emission D. None of above

		D. Secondary emission
16	The product of resistance and capacitance is.	A. Velocity B. Force C. Acceleration D. Time
17	The photoelectric effect predicts that light is made of	A. Photons B. Neutrons C. Protons D. None of these
18	In current carrying long solenoid the magnetic field produced does not depend upon	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of above
19	A substance having the negative temperature coefficient of resistivity out of the following is.	A. Carbon B. Iron C. Tungsten D. Gold
20	Kirchhoff's first rule is the manifestation of the law of conservation of.	A. Mass B. Charge C. Energy D. Momentum