

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	106 electrons are moving through a wire per second the current developed is:	A. 1.6×10^{-19} A B. 1 A C. 1.6×10^{-13} A D. 106 A
2	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geography C. Tomography D. Radio graphy
3	The mutual inductance of the coils depends upon.	A. Stiffness of the coils B. Density of coils C. Material of coils D. Geometry of the coils
4	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. Its impedance is.	A. 100 Ohm B. 10 Ohm C. 1000 Ohm D. 1 Ohm
5	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
6	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
7	A positron is an anti particle of.	A. Proton B. Electron C. Neutron D. Photon
8	Cathode ray oscilloscope works by deflecting a beam	A. Neutrons B. Protons C. Electrons D. Positron
9	The ratio of applied stress to volumetric strain is called:	A. Young modulus B. Shear modulus C. Bulk modulus D. Tensile modulus
10	A real transformer does not change.	A. Voltage level B. Current level C. Power level D. Frequency
11	Two down and one up quarks make	A. Proton B. Neutron C. photon D. Positron
12	The unit of magnetic induction is:	A. Tesla B. Weber C. Weber metre D. $N\text{Am}^{-2}$
13	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. None of these
14	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above
15	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton

16 The first laser was built by
A. ArthursSchawalow
B. T.H.Maiman
C. Peter Sorokin
D. C.H.Townes

17 The flow of D.C current is opposed by
A. Resistor
B. Induction
C. Capacitor
D. All of these

18 For Holography we use
A. X ray
B. Laser
C. gama rays
D. Beta rays

19 Which of the following is typical source of alpha particle.
A. Strontium -94
B. Radon -222
C. Cobalt -60
D. Zinc sulphate

20 Depletion region carries.
A. -ve charge
B. +ve charge
C. Ions
D. No charge
