

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
2	When transistor are used in digital circuits they usually operate in the :	A. Active region B. Break down region C. Saturation & cutoff regions D. Linear region
3	Mutual induction play role in.	A. Generator B. D.C. motor C. Galvanometer D. Transformer
4	Marie Curie and Pierre Curie discovered.	A. Uranium B. Uranium and Radium C. Polonium and radium D. Radium
5	The Lenz's law fulfils.	A. Law of conservation of energy B. Law of conservation of charge C. Law of conservation of momentum D. Kirchhoff's law
6	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
7	The dead time of G.M tube is.	A. 10^{-1} sec B. 10^{-6} sec C. 10^{-4} sec D. 10^{-8} sec
8	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
9	The shortest wave length is Bracket series has wave length.	A. $16/R_n$ B. $R_n/16$ C. $16 R_n$ D. $4 R_n$
10	The SI unit of E is NC ⁻¹ and that of B is N A ⁻¹ m ⁻¹ then the unit of E/B is.	A. ms⁻² B. ms C. ms⁻¹ D. m ⁻¹ s ⁻¹
11	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
12	After curie temperature.	A. Ferromagnetic B. Paramagnetic C. Magnetic D. Diamagnetic
13	Radius of first Bohr's orbit is.	A. 0.053 nm B. 0.053 mm C. 0.053 micro meter D. 0.053 m
14	The device in which induced emf is statically induced emf is:	A. Transforms B. AC generator C. Elevator D. Dynamo
15	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes

16 An alternating voltage is given by $20 \sin 157 t$. The frequency of alternating voltage is:

A. 50 Hz
B. 25 Hz
C. 100 Hz
D. 75 Hz

17 The semi conductor diode has the property of

A. Two way conduction
B. Zero conduction
C. One way conduction
D. Amplification

18 The slope of q-t curve at any instant of time gives.

A. Voltage
B. Current
C. Charge
D. Both a and b

19 Which one is not a crystalline solid.

A. Zinc
B. Copper
C. Nylon
D. None of these

20 The self induction emf is sometimes called.

A. Motional emf
B. Constant emf
C. Back emf
D. Variable emf
