

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
2	The average gap for Germanium at 0K is	A. 1.12 ev B. 0.02 ev C. 6.72 ev D. 7.2 ev
3	Radius of first orbit of an atom is r1= 0.053 nm, Radius of second orbit r2 will be.	A. 0.106 nm B. 0.212 nm C. 0.053 nm D. 0.53 x 10 ^{-10} nm
4	Phase difference between V and I of an A.C through resistor is.	A. Zero Degree B. 90 ^o C. 80 ^o D. 120 ^o
5	The combined effect of resistance and reactance in circuit is called:	A. Impedance B. Inductance C. Capacitance D. None of above
6	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
7	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
8	The unit of radioactivity is:	A. Bequerel B. Henry C. Pascal D. Joule
9	By emitting Beta particle and gama particle simultaneously the nucleolus changes in its charges by	A. N B. N/2 C. N/4 D. 3N/4
10	the core of transformer is laminated so reduce.	A. Magnetic loss B. Hysteresis loss C. Eddy current loss D. Electric loss
11	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
12	The unit of impedance is.	A. Henry B. Hertz C. Ampere D. Ohm
13	The energy equivalent of 1 kg of matter is about:	A. 10 ⁻¹⁵ J B. 1 J C. 10 ⁻¹² J D. 10 ⁻¹⁷ J
14	Internal frame is a frame is which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
15	The mean value of A.C. in a cycle is.	A. 1 B. 0 C. 12

		D. NII
16	If a step up transformer were 100% efficient the primary and secondary winging's would have the same.	A. Current B. Power C. Voltage D. Direction of winding
17	A certain wire has a resistance R, the resistivity of an other wire of an identical material with the first, except for twice its diameter is.	A. 1/4 R B. 4R C. 2R D. Same as R
18	The background radiation to which we are exposed, on the average is.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
19	De-Broglie waves are associated with	A. Moving charged particles only B. Moving neutral particles only C. All moving particles D. All parties whether in motion or a rest
20	When platinum is it becomes orange at	A. 500 ^o C B. 900 ^o C C. 1100 ^o C D. 1300 ^o C