

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The highest value reached by the voltage or current in one cycle is called.	A. Peak of peak value B. Peak value C. Instantaneous value D. Root mean square value
2	Rectification is the process of converting.	A. D.C. into A.C. B. A.C. in to D.C. C. Low signal to high D. High signal to low
3	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
4	The stopping potential for a certain metal is 10 volts. Thus work function for the cathode is.	A. 10 J B. $1.6 \times 10^{-18}$ J C. $1.6 \times 10^{-19}$ J D. $1.6 \times 10^{30}$ J
5	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
6	If current flowing through a solenoid becomes four times, then magnetic field inside becomes.	A. two times B. three times C. four times D. Half
7	Transistors are made from	A. Plastics B. Metals C. Insulator D. Doped semi conductors
8	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
9	The mass spectrum of naturally occurring neon, showing	A. 1 isotope B. 2 isotope C. 3 isotope D. 4 isotope
10	The phase difference between the current and voltage at resonance is:	A. 0 B. $\pi$ C. $\frac{\pi}{2}$ D. $\frac{\pi}{4}$
11	Ampere's law is applicable to:	A. Circular path B. Rectangular path C. To any closed path D. Nonwe of these
12	If force in the direction of velocity of conductor, then induced current is directed,	A. Anti clockwise B. Clock wise C. At equilibrium D. None of above
13	The Unit of decay constant.	A. Second B. (second) <sup>-1</sup> C. m <sup>-1</sup> D. mk
14	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. ...

		D. None of these
15	The AC system is preferred to DC system because:	A. AC voltage can be easily changed in magnitude B. DC motor angular velocity is affected badly C. High voltage AC transmission is less efficient D. Domestic appliance require AC voltage for their operation
16	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four time
17	Which one of the following bulbs has the least resistance.	A. 100 W B. 200 W C. 500 W D. 1000 W
18	Controlling rods inserted into the reactor are of metal:	A. Aluminium B. Cadmium C. Magnesium D. Copper
19	Those elements whose charge number z is greater than _____ are unstable:	A. 80 B. 79 C. 82 D. 83
20	If the north pole of a magnet moves away from a metallic ring	A. Clockwise B. Anticlockwise C. First clockwise and then anticlockwise D. None of above