

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
2	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
3	In Helium Neon laser, the discharge tube is filled with	A. 80% He, 20% Neon B. 85% He, 15% Neon C. 83% He, 17% Neon D. 90% He, 10% Neon
4	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.
5	What is the resistance of carbon resistor which has band brown black brown.	A. 100 Ohm B. 1000 Ohm C. 10 Ohm D. 1.0 Ohm
6	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
7	One henry is equal to	A. 1 ohm x 1 sec B. 1 ohm x 1 hertz C. 1 ohm x 1 metre D. All of above
8	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
9	The effective way to increase the sensitivity of moving coil galvanometer is.	A. Increase the area of coil B. Increase the number of turn C. Increase the magnetic field D. Increase the value of constant C
10	At resonance frequency, the impedance of RLC series circuit is.	A. Maximum B. Minimum C. Zero D. Infinite
11	One weber is equal to:	A. N.A ²/m B. N.m ² /A C. N.A/m D. N.m/A
12	Lenz's law was given by Heinrich lenz in:	A. 1894 B. 1904 C. 1854 D. 1834
13	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltmeter
14	The dead time of G.M tube is.	A. 10^{-1} sec B. 10^{-6} sec C. 10^{-4} sec D. 10^{-8} sec
15	Magnetic induction can be measured in units of	A. Tesla B. Gauss C. Weber/m ²

16 The unit of Rh is.

- A. ms-1
- B. m
- C. $m^{sup>2}$
- D. $m^{sup>-1}$

17 The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:

- A. 1
- B. 2
- C. 1
- D. 4

18 For computation of electric flux, the surface area should be.

- A. Parallel
- B. Flat
- C. Curved
- D. Spherical

19 When a wire is stretched and its radius becomes $r/2$, then its resistance will be

- A. 16 R
- B. 4 R
- C. 2R
- D. 0

20 The rest mass x ray photon is

- A. Infinite
- B. Zero
- C. $1.67 \times^{sup>-17}$ kg
- D. All of the above