

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	For Paschen series, the value of 'n' starts from	A. 2 B. 4 C. 6 D. 8
2	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
3	Which is not true for X rays	A. X rays are not deflected by electric field B. X rays are polarized C. X rays consist of electromagnetic waves D. X rays can be diffracted by grating
4	1 Henry =	A. $VSA^{-1}$ B. $VS^{-1}A^{-1}$ C. $V^{-1}SA$ D. $VSA^{-2}$
5	Frequency of x-rays depends upon.	A. Number of electrons striking target B. Accelerating potential C. Nature of the target D. Both B and C
6	Which factor does not affect the conductivity of PN-Junction diode.	A. Doping B. Temperature C. Voltage D. Pressure
7	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltmeter
8	The working principle of transformer is.	A. Self induction B. Faraday's law C. Mutual induction D. Electromagnetic induction
9	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
10	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
11	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
12	The number of neutrons in Li are	A. 2 B. 3 C. 4 D. 7
13	For electromagnetic waves, Maxwell generalized	A. Gauses law for magnetism B. Gauses law for eletricity C. Fradays law D. Amperes law
14	EMF is induced due to change in	A. Charge B. Current C. Magnetic flux D. Electric field
15	Two resistance of 2 Ohm each are connected in parallel combination equivalent resistance will be.	A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 0.5 Ohm

D. 8 Ohm

16 Two up quarks and one down quarks makes a

- A. Proton
- B. Newton
- C. Photon
- D. Meson

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

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

18 Those materials whose resistivity becomes zero at certain temperature is called:

- A. Semiconductor
- B. Super conductor
- C. Conductor
- D. Insulator

19 In CRO, the output waveform of time base generator is

- A. Circular
- B. Square
- C. Sinusoidal
- D. Saw-toothed

20 If we make magnetic field stronger the value of induced current is.

- A. Decreased
- B. Increased
- C. Vanishes
- D. Remain constant