

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
2	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
3	Energy of Black body radiation depends upon	A. Nature of surface of body B. Nature of material of body C. Shape and size of body D. Temperature of the body
4	The power factor of RL series circuit is.	A. 0 B. 1 C. Less than 1 D. More than one
5	Potassium Cathodes in photocell emit electrons for a light.	A. Visible B. Infra red C. Ultra violet D. X rays
6	In a coil current change from 2 to 4 A in .05 s . If the average induced emf is 8 V then coefficient of self-inductance is:	A. 0.2 henry B. 0.1 henry C. 0.8 henry D. 0.04 henry
7	Potentiometer is used to.	A. Compare emf of two cells B. Detect internal resistance of cell C. Measure P.D. D. All of these
8	Paschen series lies in the	A. Far ultraviolet region B. Visible region C. Ultraviolet region D. Inferred region
9	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
10	The charge on Beta particle is	A. +e B. -e C. -2e D. None of these
11	An electromagnetic wave goes from air to glass which of the following does not change?	A. Radio waves B. X-rays C. Ultra violet radiation D. Ultra sound waves
12	The only difference between the construction of D.C and A.C is.	A. Carbon brushes B. Coil C. Commutator D. Magnetic field
13	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion
14	An expression for gain of an inverting amplifier is	C. (R_1/R_2) D. None of these
15	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
		A. De-excitation of atom

16	Gamma radiations are emitted due to:	B. De-excitation of nucleus C. Excitation of atom D. Excitation of nucleus
17	Einstein's Photoelectric equation is $E_k = hf - \phi$ in this equation E_1 , refers to:	A. K.E of all the emitted electrons B. Mean K.E of emitted electrons C. Maximum K.E of emitted electrons D. Minimum K.E of emitted electrons
18	A device which converts low voltage or current to high voltage or current is called.	A. Transformer B. AC generator C. Amplifier D. Rectifier
19	Which series lies in the ultraviolet region.	A. Balmer series B. Brackett series C. Paschen series D. Lyman series
20	The mutual inductance between two coils depends upon their	A. Size B. Core material C. Size, core material and separation D. Separation