

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	After curie temperature.	A. Ferromagnetic B. Paramagnetic C. Magnetic D. Diamagnetic
2	When a coil is moved in a uniform magnetic field, an induced emf is produced due of change in	A. Flux density B. Electric flux C. Magnetic flux D. Magnetic field strength
3	If the resistance of 500 Ohm have fourth band of silver colour then its upper maximum resistance will be.	A. 600 Ohm B. 550 Ohm C. 450 Ohm D. 400 Ohm
4	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
5	The peak value of alternating current is $5\sqrt{2}$ A. The mean square value of current will be:	A. 5A B. 2.5A C. 5 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px,">√2A D. 5 ²
6	Which one of the following bulbs has the least resistance.	A. 100 W B. 200 W C. 500 W D. 1000 W
7	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
8	Potassium Cathodes in photocell emit electrons for a light.	A. Visible B. Infra red C. Ultra violet D. X rays
9	Which one is photo conductor.	A. Copper B. Selenium C. Mercury D. Aluminium
10	The unit of magnetic induction is:	A. Tesla B. Weber C. Weber metre D. NAm ⁻¹
11	The drift velocity is of order:	A. 10 ⁻¹³ m/s B. 10 ³ m/s C. 10 ⁻³ m/s D. 10 ⁻⁴ m/s
12	The magnetic field inside solenoid is given:	A. μ _∘ nl ² B. μ _∘ nl C. μ _∘ n/1 ² D. μ _∘ l/n
13	The magnitude of motional emf is given by	
		A. Wave B. Particle
14	In Compton effect the photon behaves as a.	C. Nucleon D. Both a and b
15	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above

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16	A charged conductor has charge on its.	A. Inner surface B. Outer surface C. Middle surface D. Surrounding space
17	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	A. Increase B. Decrease C. Remains the same D. Doubled
18	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
19	The phase angle of a series RLC circult at resonant frequency is	A. 1/2 B. sigma C. Zero D. sigma /4
20	In case of reverse biasing, current is flown due to:	A. Minority charge carriers B. Majority charge carriers C. Electrons D. Protons