

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	One ohm is equal to	A. VC-1 B. CV-1 C. AC-1 D. VA ⁻¹
2	Pair production can take place only when energy of radiation is equal and greater than 1.02 MeV, thus correct option is.	A. X rays B. Gama rays C. Heat Radiation D. Ultraviolet rays
3	The conductor experience force, placed in magnetic above:	A. Move towards weaker part of field B. Move towards stronger part of field C. Remains at rest D. Move upwards in space
4	A current generator device converts:	A. Mechanical energy into chemical energy B. Chemical energy into electrical energy C. Mechanical energy into electrical energy D. Both b and c
5	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
6	The average gap for Germanium at 0K is	A. 1.12 ev B. 0.02 ev C. 6.72 ev D. 7.2 ev
7	A semiconductor in its extremely pure form is known as:	A. Intrinsic B. Extrinsic C. Both a and b D. None of above
8	The phase angle of a series RLC circult at resonant frequency is	A. 1/2 B. sigma C. Zero D. sigma /4
9	Heat generated by a 40 W bulb in one hour is.	A. 140 J B. 1440 J C. 14400 J D. 144000 J
10	Which series lies in the ultraviolet region.	A. Balmer series B. Bracket series C. Ptund series D. Lyman series
11	Which of the following is one of the spectral series of atomic hydrogen?	A. Brockett series B. Balmer series C. P fund series D. All of above
12	B2/2p is the expression of.	A. Lenz's law B. Magnetic energy C. Magnetic energy density D. Back emf
13	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
14	If the distance between the two charged bodies is halved, the force between them becomes.	A. Double B. Half C. Four times D. One times
		A. Parallel

15	A voltmeter is always connected in	B. Series C. Perpendicular D. Straight line
16	The particles equal in mass but greater than proton are.	A. Mesons B. Baryons C. Leptons D. Hadrons
17	The half life of radioactive elements depends upon	A. Temperature B. Nature of element C. Amount of the radioactive substance D. Pressure
18	EMF is induced due to change in	A. Charge B. Current C. Magnetic flux D. Electric field
19	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes C. Two diodes D. One diode
20	The peak value of A.C source is 20 A, then its rms value will be.	A. 14.1 A B. 10 A C. 20 A D. 28.2 A