

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Improper bisting of a transistor circiut produces:	A. Heavy loading of emitter current B. Distortion in the output output signal C. Excessive heat at collector terminal D. Faculty location of load line
2	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
3	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
4	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
5	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
6	Which one has greater cone of impurity among all:	A. Emitter B. Base C. Collector D. All are pure
7	If F1 and F2 are teh magnetic forces acting on a particle and electron respectively when moving perpendicular to the magnetic field then.	A. F1=F2 B. F1>F2 C. F1 <f2 D. F1 = 4F2</f2
8	The motional emf is give by	A. qvB B. IBL C. eBL D. vBL
9	The Lenz's law fulfils.	A. Law of conservation of energy B. Law of conservation of charge C. Law of conservation of momentum D. Kirchhoff's law
10	The movement of conductor in magnetic field produces electrical current was discovered in:	A. 1931 B. 1731 C. 1842 D. 1831
11	By increasing the temperature of conductor, the flow rate of charges.	A. Increase B. Remains constant C. Decreases D. Changes exponentially
12	Specific resistance of a material depends upon.	A. Length B. Area C. Temperature D. Both A and B
13	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
14	Which one of the following paved the way for modern physics	A. Newtonian mechanics B. Theory of relativity C. Quantum theory D. All of above

		D. Positive rays
16	Closeness of the electric field lines is the measure of.	A. Direction of field B. Strength of field C. Potential difference D. Uniformity of field
17	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance
18	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
19	the force between two charge is 28 N. If paraffin wax of relative permittivity 2.8 is introduced between the charges as medium, then the force reduces to.	A. 25 N B. 20 N C. 10 N D. 15 N
20	In case of A.C. through resistor V and I are	A. At 0 ^o with each other B. At 180 ^o with each other C. At 90 ^o with each other D. At 270 ^o with each other