Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
2	Antiparticle of electron is.	A. proton B. Photon C. Positron D. Neutron
3	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
4	Materials can be identified by measuring their	A. Mass B. Half life C. Both a and b D. None of a,b,c
5	The phase angle of a series RLC circult at resonant frequency is	A. 1/2 B. sigma C. Zero D. sigma /4
6	The mass of protons is:	A. 1.675 x 10⁻²⁷ kg B. 1.693 x 10⁻²⁷ kg C. 1.673 x 10⁻³¹ kg D. 1.673 x 10⁻²⁷ kg
7	Question Image	D. None of the above
8	Question Image	A. Lenz's law B. Faraday's law C. Ampere's law D. None of these
9	Platinum wire becomes white at a temperature of.	A. 1600^oC B. 1300^oC C. 1100^oC D. 900^oC
10	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
11	The existence of positron in 1928 was predicted by	A. Anderson B. Dirac C. Chadwick D. Plank
12	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
13	The semi conductor diode has the property of	A. Two way conduction B. Zero conduction C. One way conduction D. Amplification
14	Nuclear fission was discovered by:	A. Otto Hahn B. Friz strassmann C. Both a and b D. Michaelson
15	The conventional current is due to the flow of	A. Atoms and molecules B. Positive charge C. Negative charge D. Bot (b) and (c)
		A. Base

16	Which component of the transistor has greater contrition of impurity.	B. Emitter C. Collector D. Emitter and collector
17	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
18	Max planck received noble prize in:	A. 1927 B. 1932 C. 1918 D. 1914
19	The value of Rydberg constant is:	A. 1.0749x10⁷m⁻¹ B. 1.0974 x 10⁷ m⁻¹ C. 1.974 x10⁶m⁻¹ D. 1.0974 x 10⁻⁷ m⁻¹
20	A positron is an anti particle of.	A. Proton B. Electron C. Neutron D. Photon