Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these
2	The open loop gain of the amplifier is order of.	A. 10⁶ B. 10⁵ C. 10⁷ D. 10³
3	The unit of impedance is.	A. Henry B. Hertz C. Ampere D. Ohm
4	The mass of beta particle is equal to the mass	A. Proton B. Neutron C. Electron D. Photon
5	The circuit which compares the two voltages is.	A. LDR B. Sensor C. Comparator D. Logic gate
6	1 rem =	A. 0.001 SV B. 0.01 SV C. 0.1 SV D. 1.01 SV
7	A substance having the negative temperature co efficient of resistivity out of the following is.	A. Carbon B. Iron C. Tungsten D. Gold
8	The absolute electric potential at a point distance 20 cm from a charge of 2 uC is.	A. 9 x 10² V B. 9 x 10³ V C. 9 x 10⁴ V D. 9 x 10 ⁵ V
9	In Wilson cloud chamber, ß-particles leave	A. Thin and continuous tracks B. Thick and continuous tracks C. No tracks D. Thin and discontinuous tracks
10	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
11	The current through a resistance of 100 Ohm when connecting across a source of 220 V is.	A. 22000 A B. 22 A C. 2.2 A D. 0.45 A
12	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
13	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
14	In current carrying long solenoid the magnetic field produced does note depend upon	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of above
15	Bottom quark carries charge :	A. 2/3 e B. -2/3 e C. +1/3 e D. -1 /3 e

16	The maximum kinetic energy of emitted photo electrons depends upon.	A. The intensity of incident light B. Frequency of the incident light C. Metal surface D. Both frequency of incident light and metal surface.
17	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
18	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
19	In according with Bohr's theory the K.E of the electron is equal to:	A. ke²/2r B. Ze²/r C. Ze²/r² D. Ze²/2r²
20	Rectification is the process of converting.	A. D.C. into A.C. B. A.C. in to D.C. C. Low signal to high D. High signal to low