

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
2	The Direction of induced current is always so as to oppose the change which causes the current, is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchhoff's 1st rule
3	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
4	A pair of quark and anti quark makes a.	A. Meason B. harden C. Lapton D. Baryon
5	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
6	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
7	Photons emitted in inner shell transition are.	A. Continuous X-rays B. Discontinuous X rays C. Characteristic X rays D. Energetic X rays
8	Which is not true for X rays	A. X rays are not deflected by electric field B. X rays are polarized C. X rays consist of electromagnetic waves D. X rays can be diffracted by grating
9	Charge on positron is:	A. Negative B. Positive C. Netural D. None of these
10	One joule is equal to.	A. $1.6 \times 10^{19}$ eV B. $1.6 \times 10^{-19}$ eV C. $6.25 \times 10^{18}$ eV D. $6.25 \times 10^{18}$ eV
11	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
12	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
13	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
14	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
15	The magnitude of motional emf is given by	A. Charge

16	The quantity time constant RC has units of.	B. Time C. Capacitance D. Resistance
17	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
18	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
19	Thermistor with high - ve temperature coefficient are very accurate for measuring low temperature especially near is.	A. 10 kelvin B. 70 kelvin C. 200 kelvin D. 35 kelvin
20	Domains are existed in	A. Ferromagnetic materials B. Paramagnetic materials C. Semi conductors D. Diamagnetic materials