

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Recently a complex crystalline structure known as yttrium barium copper oxide ($\text{YBa}_2\text{Cu}_3\text{O}_7$) have reported to become super conductor at	A. 163 K B. 169 K C. 200 K D. 100 K
2	For Holography we use	A. X ray B. Laser C. gama rays D. Beta rays
3	The sensitivity of Galvanometer can be increased by:	A. Increasing C/BAN factor B. Decreasing C/BAN factor C. Increasing angle θ D. All of above
4	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above
5	If the coil is wound on iron core, the flux through it.	A. Decreases B. Becomes zero C. Increases D. Remains constant
6	Two down and one up quarks make	A. Proton B. Neutron C. photon D. Positron
7	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
8	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
9	The magnetic field inside solenoid is given:	A. $\mu_0 n I$ B. $\mu_0 n l$ C. $\mu_0 n^2 l$ D. $\mu_0 l n$
10	In three phase A.C supply coils are inclined at an angle of.	A. 0° B. 90° C. 120° D. 80°
11	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV
12	A diode characteristic curve is a plot between	A. Current and time B. Voltage and time C. Voltage and current D. Forward voltage and reverse voltage
13	Presence of dielectric between two charges always.	A. Reduces the electric force B. Enhance the electric force C. Does not effect electric force D. Double the electric force
14	Antiparticle of electron is.	A. proton B. Photon C. Positron D. Neutron
15	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions

		D. Four regions
16	By emitting Beta particle and gama particle simultaneously the nucleolus changes in its charges by	A. N B. N/2 C. N/4 D. 3N/4
17	Energy of Black body radiation depends upon	A. Nature of surface of body B. Nature of material of body C. Shape and size of body D. Temperature of the body
18	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geo graphy C. Tomography D. Radio graphy
19	A wire stretched to double of its length, its strain is:	A. 2 B. 1 C. 0 D. 0.5
20	The potential difference across the depletion region of germanium is.	A. 0.3 V B. 0.5 V C. 0.7 V D. 0.8 V