

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Natural rubber is an example of:	A. Crystalline solids B. Amorphous solids C. Polymeric solids D. None of above
2	The total charge of any nucleus is:	A. Ze B. Z C. Both a and b D. None of above
3	Eddy current is one cause energy loss in	A. A.C. generator B. Transformer C. D.C. motor D. D.C. generator
4	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left
5	X-rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
6	X_L is low for low frequency F but X_C is.	A. Zero B. Low C. High D. Same is H
7	The value of Wien's constant:	A. $2.9 \times 10^{-3} \text{ mk}$ B. $2.19 \times 10^{-7} \text{ mk}$ C. $3.18 \times 10^{-6} \text{ km}^{-1}$ D. $6.21 \times 10^{-9} \text{ m}^{-2} \text{ wk}^{-3}$
8	Internal frame is a frame is which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
9	The SI unit of flux density is.	A. NA-1 m ² B. NA-1 m ⁻¹ C. NAm-1 D. NA-1 m
10	The reciprocal of decay construct lamda of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
11	Albert Einstein got noble prize for service in:	A. Pair production B. Annihilation of matter theory C. Compton effect D. Photoelectric effect
12	Sensitivity of a galvanometer can be increased by	A. Decreasing the value of torsional couple B. Decreasing number of turns C. Decreasing area of plane of coil D. Decreasing magnetic field
13	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
14	Balmer series lies in	A. Visible region B. Invisible region C. Ultraviolet region D. Infrared region
		A. Three diodes

15	The circuit of full wave rectification consist of	B. Four diodes C. Two diodes D. One diode
16	Special organs called ampullae of lorenzenite are present in.	A. Bats B. Cats C. Dogs D. Sharks
17	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
18	If a charge is at rest in a magnetic field then force on charge is	A. Zero B. Double C. One fourth D. Four times
19	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
20	Joule second is the unit of.	A. Energy B. Wein's constant C. Planck's constant D. Boyle's law