

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The phase difference between the current and voltage at resonce is:	A. 0 B. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π C <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π D. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π/2
2	Pair production cannto take place in vacuum because :	A. Mass in not conserved B. Momentum is not conserved C. Energy is not conserved D. Charge is not conserved
3	Which series lies in the ultraviolet region.	A. Balmer series B. Bracket series C. Ptund series D. Lyman series
4	The power factor of RL series circuit is.	A. 0 B. 1 C. Less then 1 D. More than one
5	Target material used in x-rays tube have following properties.	A. High atomic number and high melting pouint B. High atomic number and low melting pouint C. Low atomic number and low melting pouint D. High atomic number only
6	Substance which break just after the elastic limit is reached are called as.	A. Ductile substances B. Hard substances C. Britto substances D. Soft substances
7	Greater concentration of impurity is added in.	A. Base B. Emitter C. Collector D. LED
8	Electric potential at a distance "r" from "q" is:	A. V _r = $1/54\pi\epsilon < \text{sub} > q/r < \text{sub} > 2 B. Vr=1/4\pi\epsilon < \text{sub} > (\text{sub} > 2 q/r < \text{c.} V<\text{sub} > r = 1/4\pi\epsilon < \text{sub} > 2q/r < D. V<\text{sub} > r = 1/4\pi\epsilon < \text{sub} > q<\text{sup} > 2 1/r < \text{c.} V<\text{sub} > r = 1/4\pi\epsilon < \text{sub} > q<\text{sup} > 2 1/r < \text{c.} V<\text{sub} > r$
9	When a motor is over loaded then the magnitude of back emf.	A. Increases B. Decreases C. Remain constant D. Zero
10	The current induced can be increased by:	A. Using a stronger magnetic field B. Moving the loop faster C. Replacing the loop bay coi of many turns D. All of above
11	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. None of these
12	How many neutrons are there in the nuclide Zn ⁶⁶ ?	A. 22 B. 30 C. 36 D. 66
13	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
14	Radius of first Bohr's orbit is.	A. 0.053 nm B. 0.053 mm C. 0.053 micro meter D. 0.053 m

15	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. `.Electro magnetism D. Electrostatics
16	Which is true for both alpha particle and gama rays.	A. They cause ionization in air B. They can be deflected by electric field C. They can be deflected by magnetic field D. The y can penetrate a few millimeters of aluminium
17	The number of protons in any atom are always equal to the number of	A. Neutrons B. Electrons C. Positrons D. Mesoris
18	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
19	Curie is unit of.	A. Conductivity B. Binding energy C. <div>Radioactivity</div> D. Resistivity
20	An A.C. voltmeter reads 220 V, its peak value will be	A. 225 V B. 240 V C. 311.12 V D. 300 V