

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When the back emf is zero, its draws.	A. Zero current B. Minimum current C. Maximum current D. Steady current
2	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
3	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
4	NIBA =	A. $c\theta$ B. $\theta/c$ C. $c^2/\theta$ D. $c^2/\theta$
5	$X_L$ is low for low frequency $F_y$ but $X_C$ is.	A. Zero B. Low C. High D. Same is H
6	For ohmic device the graph between V and I is.	A. A straight line B. Curve C. Hyperbola D. Parabola
7	The SI unit of resistivity is.	A. Ohm m <sup>2</sup> B. Ohm m <sup>-1</sup> C. Ohm m D. Ohm
8	Balmer series lies in	A. Visible region B. Invisible region C. Ultraviolet region D. Infrared region
9	In extrinsic semiconductors doping is of the order of.	A. 1 atom to $10^4$ B. 1 atom to $10^6$ C. 1 atom to $10^8$ D. 1 atom to $10^3$
10	If $1 \times 10^7$ electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. $2.6 \times 10^{-6}$ A D. $1.6 \times 10^{-6}$ A
11	A step up transformer is used 120 V line to provide 240 V. If primary coil has 100 turns the number of turns is secondary is.	A. 50 B. 100 C. 150 D. 200
12	$\mu_0$ (Ampere's constant) has value.	A. $4\pi \times 10^{-7} \text{ WbA}^{-1} \text{m}^{-1}$ B. $4\pi \times 10^{-17} \text{ Wbm}^2$ C. $4\pi \times 10^{-7} \text{ WbA}^{-1} \text{m}^{-1}$ D. $4\pi \times 10^{-27} \text{ Wb/m}^2$
13	Energy produced due to fission of uranium atom is:	A. 500MeV B. 200MeV C. 700MeV D. 750MEV
14	Target material used in x-rays tube have following properties.	A. High atomic number and high melting point B. High atomic number and low melting point C. Low atomic number and low melting point D. Low atomic number and high melting point

		D. High atomic number only
15	The toner of printer is given	A. Positive charge B. Negative charge C. Neutral D. First positive then negative
16	The reactance is the ratio of	A. $V_{\text{rms}}/I_{\text{rms}}$ B. $V_{\text{rms}} \times I_{\text{rms}}$ C. $I_{\text{rms}}/V_{\text{rms}}$ D. $V_{\text{max}} \times V_{\text{rms}}$
17	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current
18	One weber is equal to:	A. $N \cdot A^{2/m}$ B. $N \cdot m^{2/sup}/A$ C. $N \cdot A/m$ D. $N \cdot m/A$
19	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
20	In LR circuit which one of the following statements is correct?	A. L and R opposes each other B. R value increases with frequency C. The inductive reactance increases with frequency D. The inductive reactance decreases with frequency