

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A real transformer does not change.	A. Voltage level B. Current level C. Power level D. Frequency
2	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
3	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	A. Increase B. Decrease C. Remains the same D. Doubled
4	SI unit of electric flux is.	A. NmC <sup>1</sup> B. Nm <sup>-1</sup> C <sup>1</sup> C. Nm <sup>2</sup> C <sup>-1</sup> D. Nm <sup>3</sup> C <sup>2</sup>
5	The AC system is preferred to DC system because:	A. AC voltage can be easily changed in magnitude B. DC motor angular velocity is affected badly C. High voltage AC transmission is less efficient D. Domestic appliance require AC voltage for their operation
6	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
7	A resistance frequency the impedance of RLC parallel circuit is.	A. Zero B. Infinite C. Maximum D. Minimum
8	The color code of "Green"	A. 8 B. 3 C. 5 D. 7
9	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
10	The phase difference between current and voltage in an inductive circuit is.	A. zero B. 90° C. 180° D. 45°
11	The Grid 'G' in cathode ray oscilloscope.	A. Accelerate as well as focus electron beam B. Control no. of electrons beam C. Is at - Ve potential with respect to cathode. D. Both d and b
12	The natural frequency of L.C circuit is equal to	
13	Minimum energy needed to escape an electron ofrm metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
14	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m2 D. All of the above
		A. Collector voltage

15	In a transistor, collector current is controlled by:	<p>B. Base current</p> <p>C. Collector resistance</p> <p>D. All of the above</p>
16	The drift velocity is of order:	<p>A. <math>10^{-13}</math> m/s</p> <p>B. <math>10^3</math> m/s</p> <p>C. <math>10^{-3}</math> m/s</p> <p>D. <math>10^{-4}</math> m/s</p>
17	Drum of photocopier is made of.	<p>A. Copper</p> <p>B. Aluminum</p> <p>C. Nickel</p> <p>D. Cobalt</p>
18	A solid in which there is not regular arrangement of molecules is called.	<p>A. Glassy solid</p> <p>B. Amorphous solid</p> <p>C. Crystalline solid</p> <p>D. Both a and b</p>
19	The quantity time constant RC has units of.	<p>A. Charge</p> <p>B. Time</p> <p>C. Capacitance</p> <p>D. Resistance</p>
20	$e/m =$	<p>A. <math>v/B</math></p> <p>B. <math>Br/V</math></p> <p>C. <math>VB/r</math></p> <p>D. <math>Vr/B</math></p>