Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The natural frequency of L.C circuit is equal to	
2	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
3	In case of capacitor, the unit of reactance is	A. Farad B. Ohm C. Newton D. All of these
4	The reactance is the ratio of	A. V_{rms}/I_{rms} B. $V_{rms} \times I_{rms}$ C. I_{rms}/V_{rms} D. $V_{max} \times V_{rms}$
5	The peak to peak value of alternating voltage is	A. $2V_o$ B. V_o D. None of these
6	The value of capacitive reactance is given by	A. $Xc = VI$ B. $xc= 1/wc$ or $xc= wL$ C. $xc= 1*wc$ or $xc=Lw$ D. All of above
7	If I_O is the peak value of current, then its root mean square value is given by	B. $2 I_o$ C. I_o D. $0.7 I_o$
8	If V_{rms} be the root mean square value of emf then its peak to peak value is given by	
9	1 Henry =	A. VSA^{-1} B. $VS^{-1}A^{-1}$ C. $V^{-1}SA$ D. VSA^{-2}
10	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current
11	Question Image	
12	If the north pole of a magnet moves away from a metallic ring	A. Clockwise B. Anticlockwise C. First clockwise and then anticlockwise D. None of above
13	Commutator was invented in	A. 1834 B. 1820 C. 1840 D. 1835
14	A.C is converted into D.C by	A. Dynamo B. Rectifier C. Motor D. Transformer
15	Self inductance of a long solenoid is given by	D. None of the above
16	One henry is equal to	A. 1 ohm x 1 sec B. 1 ohm x 1 hertz C. 1 ohm x 1 metre D. All of above
17	Question Image	A. Lenz's law B. Faraday's law C. Ampere's law D. None of these