Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	1 Henry =	A. VSA⁻¹ B. VS⁻¹A⁻¹ C. V⁻¹SA D. VSA⁻²
2	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current
3	Question Image	
4	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
5	Commutator was invented in	A. 1834 B. 1820 C. 1840 D. 1835
6	A.C is converted into D.C by	A. Dynamo B. Rectifier C. Motor D. Transformer
7	Self inductance of a long solenoid is given by	D. None of the above
8	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
9	Question Image	A. Lenz's law B. Faraday's law C. Ampere's law D. None of these
10	Lenz's law presented in	A. 1834 B. 1934 C. 1826 D. 1836
11	The direction of induced current is always so as to oppose the change which causes the current, this is the statement of	A. Lenz's law B. Faraday's law C. Ampere's law D. Coulomb's law
12	The unit of induced emf is	A. Ampere B. Volt C. Joule/coulomb D. Both (b) and (c)
13	Michael Faraday and Joseph Henry belongs to	A. England and USA B. France and USA C. China and USA D. None of these
14	The magnitude of motional emf is given by	
15	The acceleration of an electron of mass m and charge e, moving with uniform speed v at right angles to a magnetic field of flux density B, is given by	D. Bevm
16	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above
17	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above