

Physics FSC Part 2 Chapter 15 Online MCQ's Test

Sr	Questions	Answers Choice
1	The Direction of induced current is always so as to oppose the change which causes the current, is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchhoff's 1st rule
2	The direction of induced current is always so as to oppose the change which causes the current is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchhoff's 1st rule
3	The Lenz's law is also statement of:	A. Law of conservation of mass B. Law of conservation of charge C. Law of conservation of energy D. Law of conservation of momentum
4	Lenz's law was given by Heinrich Lenz in:	A. 1894 B. 1904 C. 1854 D. 1834
5	The emf induced by the motion of a conductor across a magnetic field is called:	A. Motional emf B. Rotational emf C. Induced emf D. All of above
6	The movement of conductor in magnetic field produces electrical current was discovered in:	A. 1931 B. 1731 C. 1842 D. 1831
7	The current induced can be increased by:	A. Using a stronger magnetic field B. Moving the loop faster C. Replacing the loop by coil of many turns D. All of above
8	Electric current produces magnetic field, was suggested by.	A. Faraday B. Oersted C. Henry D. Lenz
9	1 Henry =	A. $\frac{1 \text{ V}}{\text{A}}$ B. $\frac{\text{V}}{\text{A}}$ C. $\frac{\text{V}}{\text{A}}$ D. $\frac{\text{V}}{\text{A}}$
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. $1 \text{ ohm} \times 1 \text{ sec}$ B. $1 \text{ ohm} \times 1 \text{ hertz}$ C. $1 \text{ ohm} \times 1 \text{ metre}$

D. All of above

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Question Image

A. Lenz's law

B. Faraday's law

C. Ampere's law

D. None of these