

Physics ICS Part 2 Chapter 15 Online MCQ's Test

Sr	Questions	Answers Choice
1	Commutator was invented by:	A. William bills B. William Gates C. William tells D. William Sturgeon
2	The jerks in D.C. motor are created by the use of.	A. Armature B. Commutators C. Split rings D. Source of emf
3	the core of transformer is laminated so reduce.	A. Magnetic loss B. Hysteresis loss C. Eddy current loss D. Electric loss
4	The negative sign with induced emf in Faraday's law is in accordance with	A. Lenz's law B. Amperes law C. Boyle's law D. Gauss law
5	The north pole of a magnet is brought near a metallic ring. The direction of induced current in the ring will be:	A. Antoclockwise B. Clockwise C. First Clockwise and then Antoclockwise D. First anticlockwise and then Clockwise
6	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. Kirchoff's 1st rule
7	When back emf in motor is zero, it draws.	A. Zero current B. Minimum current C. Maximum current D. Steady current
8	In a coil current change from 2 to 4 A in .05 s . If the average induced emf is 8 V then coefficient of self-inductance is:	A. 0.2 henry B. 0.1 henry C. 0.8 henry D. 0.04 henry
9	Which of the following quantities remain constant in step up transformer?	A. Current B. Voltage C. Power D. Heat
10	DC generator by william Sturgeon in:	A. 1894 B. 1961 C. 1834 D. 1961
11	Lenz's law presented in	A. 1834 B. 1934 C. 1826 D. 1836
12	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
13	A 50 mH coil carries a current of 2.0 a , then energy stored in tis magnetic field is.	A. 0.1 J B. 10 J C. 100 J D. 1000 J
14	Commentator was invented by	A. Henry B. Ousted C. Maxwell D. William sturgeon
15	Electric current produces magnetic field, was suggested by.	A. Faraday B. Oersted C. Henry

		D. Lenz
16	When a conductor moves across a magnetic field an emf is set up this emf is called.	A. Variable emf B. Constant emf C. Back emf D. Induced emf
17	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television D. Transformer
18	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
19	In A.C. generator , when plane of coil is perpendicular to magnetic field, then output of generator is.	A. $N\omega AB$ B. $2\pi f$ C. Maximum D. Zero
20	The Lenz's law fulfils.	A. Law of conservation of energy B. Law of conservation of charge C. Law of conservation of momentum D. Kirchoff's law