

Physics FSC Part 2 Chapter 15 Online MCQ's Test

Sr	Questions	Answers Choice
1	SI unit of henry which is.	A. VSA-1 B. VS-1 A C. VS-1A-1 D. VSA
2	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
3	The magnitude of back emf:	A. Increases with speed of motor B. Decreases with speed of motor C. Remains same D. None of above
4	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
5	Michael Faraday and Joseph Henry belongs to	A. England and USA B. France and USA C. China and USA D. None of these
6	The device in the circuit that consume electrical energy are known as.	A. Dissipaters B. Generator C. Load D. Motors
7	When a coil is moved in a uniform magnetic field, an induced emf is produced due of change in	A. Flux density B. Electric flux C. Magnetic flux D. Magnetic field strength
8	The induction can be increased by winding the wire around a core made of.	A. Copper B. Silicon C. Iron D. Aluminum
9	Electric current produces magnetic field, was suggested by.	A. Faraday B. Oersted C. Henry D. Lenz
10	The mutual inductance between two coils depends upon their	A. Size B. Core material C. Size, core material and separation D. Separation
11	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
12	Output of D.C. motor is	A. A.C. energy B. Mechanical energy C. Chemical energy D. D.C. energy
13	Question Image <input style="width: 300px; height: 20px;" type="text"/>	A. Lenz's law B. Faraday's law C. Ampere's law D. None of these
14	The self induction emf is some times called.	A. Motional emf B. Constant emf C. Back emf D. Variable emf
15	1 Henry =	A. VSA ⁻¹ B. VS ⁻¹ A ⁻¹ C. V ⁻¹ SA D. VSA ⁻²

16	The Lenz's law fulfils.	<p>A. Law of conservation of energy B. Law of conservation of charge C. Law of conservation of momentum D. Kirchoff's law</p>
17	With the speed of motor, magnitude of back emf	<p>A. Remain same B. Increase C. Decrease D. First increases then decreases</p>
18	Which of the following converts electrical energy into mechanical energy.	<p>A. Transformer B. A.C. generator C. D.C. generator D. D.C. motor</p>
19	Commutator was invented by:	<p>A. William bills B. William Gates C. William tells D. William Sturgeon</p>
20	For step down transformer	<p>A. $N_s > N_p$ B. $N_p > N_s$ C. $N_s = N_p$ D. $N_s < N_p$</p>