Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	If the coil is wound on iron core, the flux through it.	A. Decreases B. Becomes zero C. Increases D. Remains constant
2	The only difference between the construction of D.C and A.C is.	A. Carbon burshes B. Coil C. Commutator D. Magnetic field
3	A simple device that prevents the direction of current from changing is called.	A. Commutator B. Rotor C. Armature D. Detector
4	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
5	Commentator was invented by	A. Henry B. Ousted C. Maxwell D. William sturgeon
6	In A.C. generator , when plane of coil is perpendicular to magnetic field, then output of generator is.	A. NwAB B. 2pi f C. Maximum D. Zero
7	In A.C. inductor behaves as	A. Capacitor B. Resistor C. Commutator D. Transistor
8	Induced emf in A.C. generator can be increased by	A. Decreasing area of coil B. Decreasing magnetic field C. Increasing area of coil D. Slowing down speed of coil
9	If speed of rotation of a generator is doubled the output voltage will be.	A. Remain same B. Double C. Four time D. One half
10	Which one is not present in A.C. generator.	A. Armature B. Magnet C. Slip rings D. Commutator
11	A.C. Generator based upon the	A. Lenz's law B. Maxwell's relation C. Faradays law of electromagnet induction D. Mutual induction
12	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
13	If 10 A current passes through 100 mH inductor, then energy stored is.	A. 100 J B. 5 J C. 20 J D. Zero
14	In case of inductor , energy is stored in the	A. Electric field B. Magnetic field C. Potential field D. Gravitational field
15	If magnetic field is doubled then magnetic energy density becomes.	A. Four times B. Two times C. Three times

		D. Six times
16	Energy stored in inductor is.	A. 1/2 L I² B. 1/2 LI C. 1/2 L2I D. 1/2 L2I2
17	B2/2p is the expression of.	A. Lenz's law B. Magnetic energy C. Magnetic energy density D. Back emf