ECAT Physics Chapter 14 Electromagnetism

Sr	Questions	Answers Choice
1	Flurescent screen is a screen where visible spot	A. vanishes B. is made C. becomes small and large D. none of these
2	The SI unit of flux density is	A. Newton/Amp-meter B. Newton-m/Ampere C. Newton-m/Amp² D. Newton-Amp/meter
3	Galvanometer is a device used for the detection of	A. voltage B. current C. temperature D. pressure
4	When a suitable small resistance is put in parallel with the galvanometer coil, it is converted into	A. Voltmeter B. Avometer C. Ammeter D. None of these
5	Magnetic induction is also called as:	A. Ampere's law<o:p></o:p> B. Faraday's law<o:p></o:p> C. Lenz's law<o:p></o:p> D. Newton's law<o:p></o:p> E. Coulomb's law<o:p></o:p>
6	The field around a moving charge is called	A. magnetic field B. conservative field C. non-conservative field D. none of these
7	For the conversion of galvanometer into voltmeter, we connect a	A. small resistance in series with galvanometer B. small resistance in parallel with galvanometer C. high resistance in parallel with galvanometer D. high resistance series with galvanometer
8	The magnetic force exerted on an electron moving with velocity 'v' at right angle to the magnetic field is given by	A. F=eVB B. F=e²V/B C. F=e/VB D. F=B²/ev
9	The vector representation of force experience give the direction of	A. magnetic field B. current C. length of conductor D. force
10	The SI unit of flux density is.	A. Tesla B. Weber C. Gaun

		C. Gauh D. Weber/meter
11	A current carrying conductor sets up its own:	A. Electric field<o:p></o:p> B. Nuclear field<o:p></o:p> C. Magnetic field<o:p></o:p> D. Both (A) and (C) <o:p></o:p> E. All of these
12	To convert galvanometer into ammeter we connect	A. small resistance in parallel with galvanometer B. small resistance in series with galvanometer C. high resistance in series with galvanometer D. high resistance in parallel with galvanometer
13	The unit of magnetic flux is	A. Weber-m² B. Weber-m³ C. Henry D. Weber
14	CRO deflects the beam of	A. proton B. a-particle C. electron D. neutron
15	In order to make a voltmeter, high resistance is connected with galvanometer, in	A. perpendicular B. may be paralled or pendicular C. series D. none of these
16	The force acting as one meter length of the conductor placed at right angle to the magnetic field, when one A current is passing through it, defines the	A. magnetic flux B. magnetic induction C. magnetic field D. self inductance
17	Which is modified form of galvanometer	A. potentiometer B. battery C. voltmeter D. slide wire bridge
18	A relationship between Gauses of magnetic induction and Tesla(T) is given by	A. G 10⁻³T B. G = 10⁻²T C. G = 10⁻⁴T D. G = 10⁻¹T
19	Electron gun consist of	A. three anodes B. heating cathode C. three anodes D. three anodes , heating cathode, grid
20	Ammeter is used to measure	A. voltage B. resistance C. voltage and current D. current