

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
2	Unit of impedance is:	A. Ohm B. Ohm ⁻¹ C. no unit D. Ohm m ⁻¹
3	Energy released by conversion of 1 amu is	A. 200 MeV B. 931 MeV C. 233 MeV D. 243 MeV
4	The quantity time constant RC has units of.	A. Charge B. Time C. Capacitance D. Resistance
5	In three phase A.C. generator the phase difference between each pair of coil is.	A. 45 ^o B. 90 ^o C. 120 ^o D. 60 ^o
6	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
7	The highest value reached by the voltage or current in one cycle is called.	A. Peak ot peak valueB. Peak valueC. Instantaneous valueD. Root mean square value
8	If a charge Q flows through any cross section of the conductor in time t, the current I is	A. I=Qt B. I= Q/t C. I= Q*t D. I= Q-t
9	CRO works by deflecting the beam of electron as they pass through	A. Uniform magnetic field B. Uniform electric field between two sets of parallel plates C. Non-uniform magnetic field D. None of these
10	The concept of direction is purely	A. Relative B. Absolute C. Relative to the motion D. None of these
11	In three phase A.C supply coils are inclined at an angle of.	A. 0 ^o B. 90 ^o C. 120 ^o D. 80 ^o
12	When platinum is it becomes orange at.	A. 500 ^o C B. 900 ^o C C. 1100 ^o C D. 1300 ^o C
13	Eddy current is one cause energy loss in	A. A.C. generator B. Transformer C. D.C. motor D. D.C. generator
14	The condition of resonance is:	A. XL = 1/2 Xc B. X _L = X _c C. X _c = 4 _{x2} D. None of above
15	The dimension of stress is	A. [MLT ⁻¹] B. [ML ⁻¹ T] C. [ML ⁻¹ T ⁻

		1j D. [ML ⁻¹ T ⁻²]
16	When an electron in an atom goes from a lower to higher orbit its:	A. K.E increases , P.E decreases B. K.E increases , P.E increases C. K.E decreases , P.E increases D. K.E decreases , P.E decreases
17	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
18	A real transformer does not change.	A. Voltage level B. Current level C. Power level D. Frequency
19	High frequency radio wave is called as	A. Fluctuate B. Carrier wave C. Matter wave D. Mechanical wave
20	The magnetic field is uniform and stronger	A. Outside the solenoidB. Inside the solenoidC. At the central part of the solenoidD. None of these