

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The Unit of decay constant.	A. Second B. (second) ⁻¹ C. m ⁻¹ D. mk
2	The fraction change in resistance per Kelvin is known as:	A. Temperature coefficient of Resistance B. Coefficient of voltage of change C. Thermal expansion D. All of the above
3	An inductor may store energy in	A. Its magnetic field B. Its coil C. Its electric field D. A neighboring circuit
4	Which of the modulus of elasticity is involved in compressing a rod to decrease its length ?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these
5	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television D. Transformer
6	Step up transformer has a transformation ratio of 3:2. What is the voltage in secondary , if voltage in primary is 30 V?	A. 45 V B. 15 V C. 90 V D. 300 V
7	In an N-type silicon, which of the following statement is true?	A. Electrons are majority carriers & trivalent atoms are the dopants B. Electrons are majority carriers & pentavalent atoms are the dopants C. Holes are minority carriers & pentavalent atoms are the dopants. D. Holes are minority carriers & trivalent atoms are the dopants.
8	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left
9	Which diode works at reverse biasing.	A. LED B. Photo voltaic cell C. Photo diode D. Silicon diode
10	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these
11	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
12	For inducing emf in a coil the basic requirement is that:	A. Flux should link the coil B. Change in flux should link the coil C. Coil should form a closed loop D. Both (b) and (c) are true
13	A capacitor is perfectly insulator for:	A. Direct current B. Alternating current C. Direct as well as alternating current D. None of these
14	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force

		C. Potential difference D. Electric field intensity
15	Closeness of the electric field lines is the measure of.	A. Direction of field B. Strength of field C. Potential difference D. Uniformity of field
16	The output from a full wave rectifier is	A. An ac voltage B. A dc voltage C. Zero D. A pulsating unidirectional voltage
17	Which one belongs to lepton's group	A. Electron B. Muons C. Neutrons D. All of these
18	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
19	The most suitable metal for making permanent magnet is.	A. Iron B. Aluminium C. Steel D. Copper
20	e.m.f is the conversion of ----- energy into electrical energy	A. Chemical B. Solar C. Light D. None of these