

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Unit of self inductance is	A. Weber B. Tesla C. Henry D. Farad
2	The resonance frequency is given by:	A. $f_r = 2\pi\sqrt{LC}$ B. $f_r = 1/2\pi LC$ C. $f_r = 1/2\pi\sqrt{LC}$ D. $f_1 = 1/2\pi C\sqrt{L}$
3	A PN junction can not be used a.	A. Rectifier B. Amplifier C. Detector D. LED
4	The condition of resonance is:	A. $X_L = 1/2 X_c$ B. $X_{sub>L</sub>} = X_{sub>c</sub>}$ C. $X_{sub>c</sub>} = 4_{sub>x2</sub>}$ D. None of above
5	What is the co-efficient of mutual inductance, when the magnetic flux changes by 2×10^{-2} Wb, and change in current is 0.01 A?	A. 2 H B. 3 H C. 1/2 H D. Zero
6	Heat sensitive resistors are called.	A. resistors B. Capacitor C. Thermistors D. Inductors
7	In case of inductor , energy is stored in the	A. Electric field B. Magnetic field C. Potential field D. Gravitational field
8	To get N-Type the Ge is doped with	A. Aluminium B. Arsenic C. Boron D. Indium
9	The motional emf depends upon the	A. Length of conductor B. Speed of conductor C. Strength of magnet D. All of these
10	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
11	The impurity in the germanium is usually in the ratio of	A. $1:10^{sup>6</sup>}$ B. $1:10^{sup>4</sup>}$ C. $1:10^{sup>8</sup>}$ D. $1:10^{sup>10</sup>}$
12	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
13	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
14	the substances in which the atoms do not form magnetic dipoles are called.	A. Diamagnetic B. Para magnetic C. Ferro magnetic D. Crystal
15	By modern system of NAVSTAR, the speed any where on the earth can be determined to accuracy about.	A. 20 ms ⁻¹ B. 10 ms ⁻¹ C. 2 cms ⁻¹ D. 2 ms ⁻¹

16	What is the resistance of carbon resistor which has band brown black brown.	A. 100 Ohm B. 1000 Ohm C. 10 Ohm D. 1.0 Ohm
17	Resistance of choke is	A. zero B. Large C. Very small D. Infinite
18	Materials can be identified by measuring their	A. Mass B. Half life C. Both a and b D. None of a,b,c
19	Three resistors of resistance R each are combined in various ways, Which of the following cannot be obtained?	A. 3 RΩ B. 2R /4Ω C. R/3Ω D. 2R /3Ω
20	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
