

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
2	Which one of the following is crystalline solid.	A. Zirconia B. Glassy solid C. Natural rubber D. Poly strene
3	The open loop gain of the amplifier is order of.	A. 10^{6} B. 10^{5} C. 10^{7} D. 10^{3}
4	Which one of the following physical quantities change with relativistic speed?	A. Length B. Time C. Mass D. All of above
5	Compton shift is maximum for scattering angle of photon	A. 0° B. 90° C. 180° D. 45°
6	The particles equal in mass but greater than proton are.	A. Mesons B. Baryons C. Leptons D. Hadrons
7	In current carrying long solenoid the magnetic field produced does note depend upon	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of above
8	Einstein was awarded Nobel prize in physics in	A. 1905 B. 1911 C. 1918 D. 1921
9	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above
10	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
11	The AC system is preferred to DC system because:	A. AC voltage can be easily changed in magnitude B. DC motor angular velocity is affected badly C. High voltage AC transmission is less efficient D. Domestic appliance require AC voltage for their operation
12	The material whose resistivity becomes zero below a certain temperature	A. Conductors B. Semi conductors C. Super conductors D. Insulators
13	The unit of Plank's constant 'h' is.	A. JC B. J/C C. JS D. J/S
14	The basic circuit element in A.C. circuit which controls current.	A. Resistor only B. Capacitor only C. Inductor only D. All of these

- 15 Gauss's law can only be applied to.
- A. A curved surface
 - B. A flat surface
 - C. A closed surface
 - D. A surface of any shape
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- 16
- A. Lenz's law
 - B. Faraday's law
 - C. Ampere's law
 - D. None of these
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- 17 The condition for the wheatstone bridge to be balanced is given by
- D. None of above
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- 18 Potassium Cathodes in photocell emit electrons for a light.
- A. Visible
 - B. Infra red
 - C. Ultra violet
 - D. X rays
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- 19 The induction can be increased by winding the wire around a core made of.
- A. Copper
 - B. Silicon
 - C. Iron
 - D. Aluminum
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- 20 In a transistor, collector current is controlled by:
- A. Collector voltage
 - B. Base current
 - C. Collector resistance
 - D. All of the above
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