

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
2	μ_0 (Ampere's constant) has value.	A. $4\pi \times 10^{-7} \text{ WbA}^{-1}\text{m}^{-1}$ B. $4\pi \times 10^{-17}$ C. $4\pi \times 10^{-7} \text{ WbA}^{-1}\text{m}^{-1}$ D. $4\pi \times 10^{-27} \text{ Wb/m}^2$
3	Resistance of choke is	A. zero B. Large C. Very small D. Infinite
4	Natural rubber is an example of:	A. Crystalline solids B. Amorphous solids C. Polymeric solids D. None of above
5	The work done in bringing a unit positive charge from infinity to that point in an electric field is called.	A. Potential B. Potential difference C. Absolute potential D. All of these
6	Number of electrons emitted in photo electric effect depend upon.	A. Intensity of incident light B. Frequency of incident light C. Energy of incident light D. Wavelength of incident of light
7	The open loop gain of the amplifier is order of.	A. 10^6 B. 10^5 C. 10^7 D. 10^3
8	The electric intensity at infinite distance from the point charge is	A. Infinite B. Zero C. Positive D. Negative
9	The semi conductor diode has the property of	A. Two way conduction B. Zero conduction C. One way conduction D. Amplification
10	The total flux through a closed surface.	A. Directly proportional to shape and geometry B. Independent of medium C. Depend on shape and geometry D. Dependent on medium and the charge enclosed
11	A.C. Generator based upon the	A. Lenz's law B. Maxwell's relation C. Faradays law of electromagnet induction D. Mutual induction
12	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
13	If a charge body moved against the electric field it will gain	A. Potential energy B. K.E C. Mechanical Energy D. Electric potential energy
14	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. ~

D. Sensors

15	A capacitor is charged with a battery and then it is disconnected. A slab of dielectric is now inserted between the plates, Then	<p>A. The charge in the plates reduces and potencial difference increase</p> <p>B. Potencial difference between the plates increase, stored energy decreases and charge remains the same</p> <p>C. Potencial difference between the plates decreases, stored energy decreases and charge remains unchanged</p> <p>D. None of them</p>
16	Which one of the following is crystalline solid.	<p>A. Zirconia</p> <p>B. Glassy solid</p> <p>C. Natural rubber</p> <p>D. Poly strene</p>
17	Intensity of field inside a hollow charged sphere will be.	<p>A. Negative</p> <p>B. Unaffected</p> <p>C. Zero</p> <p>D. Maximum</p>
18	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. It impedance is.	<p>A. 100 Ohm</p> <p>B. 10 Ohm</p> <p>C. 1000 Ohm</p> <p>D. 1 Ohm</p>
19	Recently superconductor discovered is at temperature.	<p>A. 110K</p> <p>B. 143K</p> <p>C. 16.3K</p> <p>D. 119K</p>
20	Life time of metastable states is	<p>A. 10^{-6} sec or more</p> <p>B. 10^{-3} sec or more</p> <p>C. 10^{-5} sec or more</p> <p>D. None of these</p>