

Physics ICS Part 2 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | Eintein's Photoelectric equation is $E_k = hf - \phi$ in this equation E_1 , refers to: | A. K.E of al the emited electrons B. Mean K.E of emited electrons C. Maximum K.E of emited electrons D. Minimum K.E of emited electrons |
| 2 | The idea of laser device was first introduced by C.H. Towners and Authers Schowlan is | A. 1972 B. 1965 C. 1958 D. 1913 |
| 3 | The output voltage of a rectifier is. | A. Smooth B. Pulsating C. Alternating D. Per featty direct |
| 4 | The sensitivity of galvanometer is given by | A. CAN/B B. C/BAN C. BAN/C D. BN/CA |
| 5 | In an electronic transition atom cannot emit. | A. Infrared radiations B. Visible radiations C. Ultraviolet radiations D. Gama radiations |
| 6 | Self inductance of a long solenoid is given by | D. None of the above |
| 7 | Recently superconductor discovered is at temperature. | A. 110K B. 143K C. 16.3K D. 119K |
| 8 | The scientist who suggested the presence of neutron was: | A. Bohr B. Rutherford C. Chadwick D. J.J Thomson |
| 9 | Coulomb /volt is called. | A. Farad B. Ampere C. Joule D. Henry |
| 10 | the substances in which the atoms do not form magnetic dipoles are called. | A. Diamagnetic B. Para magnetic C. Ferro magnetic D. Crystal |
| 11 | For step down transformer | A. $N_s > N_p$ B. $N_p > N_s$ C. $N_s = N_p$ D. $N_s < N_p$ |
| 12 | Antiparticle of electron is. | A. proton B. Photon C. Positron D. Neutron |
| 13 | Shunt resistance is | A. Low resistance B. Zero resistance C. High resistance D. Impedance |
| 14 | Three resistors of resistance R each are combined in various ways, Which of the following cannot be obtained? | A. $3R$ B. $2R/4$ C. $R/3$ D. $2R/3$ |
| 15 | A current carrying conductor experience maximum magnetic force in a uniform magnetic field when it is placed. | A. Perpendicular to field B. Parallel to field C. At an angle of 60° to the field D. None of these |
| 16 | In Compton effect the photon behaves as a | A. Wave B. Particle |

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| 16 | In Compton effect the photon behaves as a. | C. Nucleon D. Both a and b |
| 17 | A charged particle enters in a strong magnetic field its K.E. | A. Remain constant B. Increases C. Decreases D. Increases then decreases |
| 18 | For electromagnetic waves, Maxwell generalized | A. Gauss law for magnetism B. Gauss law for electricity C. Faradays law D. Amperes law |
| 19 | When a PN-Junction is reverse biased the depletion region is. | A. Widened B. Narrowed C. Normal D. None of these |
| 20 | Two resistance of 2 Ohm each are connected in parallel combination equivalent resistance will be. | A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 8 Ohm |