

Physics ICS Part 2 Online MCQ's Test

| Cr. | Ougations | Anguara Chaiga |
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| Sr | Questions Recentaly a complex crystalline structure known as yttrium barium copper oxide (Yba ₂ Cu ₃ | A. 163 K |
| 1 | O ₃) have reported to become super conductor at | B. 169 K C. 200 K D. 100 K |
| 2 | The motional emf developed in a conduction depends upon. | A. Length B. Orientation C. Magnetic field D. All of the above |
| 3 | Binding energy per nucleon is maximum for | A. Platinum B. Iron C. Uranium D. Lead |
| 4 | Which one of the following is not affected by electric or magnetic field. | A. Beta rays B. Gama ryas C. Alpha rays D. Electron |
| 5 | 1 Henry = | A. VSA ⁻¹ B. VS ⁻¹ A ⁻¹ C. V ⁻¹ SA D. VSA ⁻² |
| 6 | The electric intensity due to two oppositely charged plates is | D. None of these |
| 7 | In chopke coil the resistance X_L an resistance R are: | A. X _L =R B. X _L <<R C. X _L >>R D. X _L = ∞ |
| 8 | A transistor has: | A. Two regions B. Three regions C. Single regions D. Four regions |
| 9 | A device that shows the visible path of ionizing particle is called. | A. GM counter B. Solid state detector C. Scalar D. Wilson cloud chamber |
| 10 | In Compton scatting, the value of shift is equal to Compton's wavelength, when X-rays is scattered at the angle of. | A. 90 ^o C B. Zero C. 120 ^o C D. 45 ^o C |
| 11 | The value of capacitive reactance is given by | A. Xc = VI B. xc= 1/wc or xc= wL C. xc= 1*wc or xc=Lw D. All of above |
| 12 | Lorentz force means the force acting on a particle, which is | A. Magnetic force only B. Electric force only C. Sum of electric and magnetic force D. None of these |
| 13 | The chargeless region after formation of Pn junction is called: | A. Free region B. Depletion region C. Field region D. U.V region |
| 14 | Seven resistances are connected as shown in the figures . THe equivalent resistance between A and B is: | A. 3Ω B. 4Ω C. 4.5Ω D. 5Ω |
| 15 | The movement of conductor in magnetic field produces electrical current was discovered in: | A. 1931 B. 1731 C. 1842 D. 1831 |

| 6 | 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 |
|---|--|---|
| 7 | Resistance of choke is | A. zero B. Large C. Very small D. Infinite |
| 8 | Semiconductor diodes are called: | A. Ohmic B. non ohmic C. Both a & D. none of above |
| 9 | 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 |
| 0 | A photon while passing thorugh a magnetic field are deflected towards: | A. North pole B. South pole C. Are ionized D. None of these |