

Physics FSC Part 2 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | Due to polarization, electric field E. | A. Increase B. Decrease C. First increases then decreases D. Remain same |
| 2 | Closeness of the electric field lines is the measure of. | A. Direction of field B. Strength of field C. Potential difference D. Uniformity of field |
| 3 | when an inductor comes close to a metallic object, its inductance is. | A. Decreased B. Increased C. Becomes half D. Becomes 4 times |
| 4 | If I_0 is the peak value of current, then its root mean square value is given by | B. 2 _o C. _o D. 0.7 _o |
| 5 | Wave nature of particle was given by: | A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson |
| 6 | In an electronic transition atom cannot emit. | A. Infrared radiationsB. Visible radiationsC. Ultraviolet radiationsD. Gama radiations |
| 7 | Sensitivity of a galvanometer can be increased by | A. Decreasing the value of torsional couple B. Decreasing number of turns C. Decreasing area of plane of coil D. Decreasing magnetic field |
| 8 | A PN junction can not be sued a. | A. Rectifier B. Amplifier C. Detector D. LED |
| 9 | The flow of D.C current is opposed by | A. Resistor B. Induction C. Capacitor D. All of these |
| 10 | In metal detector, we use. | A. L-C circuit B. R-L circuit C. R-C circuit D. RLC series circuit |
| 11 | Electric power: | A. Vx1 B. V ² x1 C. V/1 D. V/1 ² |
| 12 | Binding energy for deuteron nucleus is given by | A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV |
| 13 | If the frequency of A.C. supplied is doubled then the capacitive reactance becomes. | A. Half B. Two C. Four times D. One fourth |
| 14 | A dot represents the direction of magnetic field. | A. Out of page B. Into the page C. Tangent to page D. Parallels to page |
| 15 | the current which flows from a point at higher. potential to point at lower potential is called. | A. Electric current B. Conventional current C. Either of these D. None of above |

| 6 | The ratio of potential barriers of Ge to Si at room temperatrue is. | A. 7:3 B. 1:3 C. 2:5 D. 3:7 |
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| 7 | Boher proposed his atomic model in: | A. 1910 B. 1911 C. 1912 D. 1913 |
| 8 | The charge on Beta particle is | A. +e Be C2e D. None of these |
| 9 | In frequency modulation, the amplitude of carrier waves is | A. Increases B. Remains constant C. Decreases D. None of these |
| 0 | The ability of a body to return to its original shape is called. | A. Strain B. Stress C. Elasticity D. Plasticity |