

Physics ICS Part 2 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | Life time of metastable states is | A. 10 ⁻⁶ sec or more B. 10 ⁻³ sec or more C. 10 ⁻⁵ sec or more D. None of these |
| 2 | Heat energy is converted into electrical energy. | A. Solar cells B. thermocouples C. Electric generators D. None of above |
| 3 | NAND gate represented by: | A. X = A. B B. X = A+B C. X= A.B D. X= A+B |
| 4 | The motional emf depends upon the | A. Length of conductorB. Speed of conductorC. Strength of magnetD. All of these |
| 5 | Maximum Compton shift is observed at. | A. 30 ^o C B. 90 ^o C C. 45 ^o C D. 180 ^o C |
| 6 | Resistance tolerance of silver band is. | A. 10% B. 6% C. 7% D. 5% |
| 7 | The process by which lesser beam can be used to generate 3-dimensional images of objects is called | A. Holography B. Geo graphy C. Tomography D. Radio graphy |
| 8 | Which of the following is similar to electron. | A. Beta particle B. Alpha particle C. Neutron D. Proton |
| 9 | Cathode ray oscilloscope works by deflecting a beams | A. Neutrons B. Protons C. Electrons D. Positron |
| 10 | Flux through any closed surface is: | A. 1/ε ² _∘ times the total charge enclosed in it B. ε ² _∘ time the total charge enclosed in it C. 1/ε _∘ ties the total charge enclosed in ti D. ε _∘ time the total charge enclosed in ti D. ε _∘ time the total charge enclosed in it |
| 11 | Natural rubber is an example of: | A. Crystalline solidsB. Amorphous solidsC. Polymeric solidsD. None of above |
| 12 | There is regular arrangement of molecules in: | A. Amorphous solids B. Crystalline solids C. Both a and b D. None of above |
| 13 | Average value of current and voltage over a complete cycle is. | A. Positive B. Negative C. Zero D. Infinite |
| 14 | If the coil is wound on iron core, the flux through it. | A. Decreases B. Becomes zero C. Increases D. Remains constant |
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| 15 | Which one is not a crystalline solid. | A. ∠inc B. Copper C. Nylon D. None of these |
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| 16 | For a current carrying solenoid the term 'n' has unit as. | A. No unit B. m ⁻¹ C. m ⁻² D. m-3 |
| 17 | Mass of meason is | A. Greater then proton B. Less than proton C. Equal to proton D. Equal to neutron |
| 18 | The internal resistance of a capacitor is called: | A. Impedance B. Resistance C. Reactance D. Conductance |
| 19 | The product of resistance and conductance is | A. 1 B. Resistivity C. Conductance D. Zero |
| 20 | A cable breaks if stretched by more than 2mm. It is cut into two equal parts. How much either part can be stretched without breaking? | A. 25 m B. 1mm C. 2mm D. 0.5 m |