

Physics ICS Part 2 Online MCQ's Test

| Sr | Questions | Answers Choice |
|----|--|--|
| 1 | In three phase A.C supply coils are inclined at an angle of. | A. 0 ^o B. 90 ^o C. 120 ^o D. 80 ^o |
| 2 | Magnetism is related to: | A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion |
| 3 | The mutual inductance between two coils depends upon their | A. Size B. Core material C. Size, core material and separation D. Separation |
| 4 | A solid having regular arrangement of molecules throughout its structure is called. | A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid |
| 5 | Wave nature of particle was given by: | A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson |
| 6 | Boher proposed his atomic model in: | A. 1910 B. 1911 C. 1912 D. 1913 |
| 7 | In full wave rectification number of diodes required are equal to. | A. 2 B. 3 C. 4 D. 5 |
| 8 | At resonance, the behavior of R-L-C series circuit is. | A. Resistive B. Capacitive C. Inductive D. Modulative |
| 9 | If the ionization energy of hydrogen atom is 13.6 eV, its ionization potential will be | A. 136.0 volt B. 3.0 volt C. 13.6 volt D. None of these |
| 10 | The types of quarks are. | A. 2 B. 3 C. 4 D. 6 |
| 11 | LDR becomes necessary when op amp is used as a | A. Night switch B. Inverter C. Comparator D. Rectifier |
| 12 | The peak to peak value of alternating voltage is | A. 2V B. V D. None of these |
| 13 | The highest value reached by the voltage or current in one cycle is called: | A. Peak to peak value B. Peak value C. Instantaneous value D. Root mean square value |
| 14 | Number of Isotopes of Neon gas are | A. 2 B. 3 C. 4 D. 1 |
| 15 | 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 |

| | | |
|----|---|---|
| 16 | 1 tesla = | A. $1 \text{ MA} \times 10^{-1}$ B. $1 \text{ NA} \times 10^{-1} \text{ m}$ C. $1 \text{ NA} \times 10^{-1} \text{ m} \times 10^{-1}$ D. None of above |
| 17 | The product of resistance and capacitance is. | A. Velocity B. Force C. Acceleration D. Time |
| 18 | The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of. | A. Ohms B. Kilo Ohms C. Mega Ohms D. Thousands Ohms |
| 19 | Albert Einstein got noble prize in: | A. 1926 B. 1921 C. 1918 D. 1931 |
| 20 | One henry is equal to | A. $1 \text{ ohm} \times 1 \text{ sec}$ B. $1 \text{ ohm} \times 1 \text{ hertz}$ C. $1 \text{ ohm} \times 1 \text{ metre}$ D. All of above |