

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	μ_0 (Ampere's constant) has value.	<p>A. $4\pi \times 10^{-7} \text{ WbA}^{-1} \text{m}^{-1}$</p> <p>B. $4\pi \times 10^{-17} \text{ Wbm}^{-2}$</p> <p>C. $4\pi \times 10^{-7} \text{ WbA}^{-1} \text{m}^{-1}$</p> <p>D. $4\pi \times 10^{-27} \text{ Wb/m}^{-2}$</p>
2	The curie temp for iron is about	<p>A. 800°C</p> <p>B. 740°C</p> <p>C. 750°C</p> <p>D. 650°C</p>
3	In glass, molecules are irregularly arranged so it is known as.	<p>A. Solid</p> <p>B. Liquid</p> <p>C. Solid liquid</p> <p>D. Gas</p>
4	The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of.	<p>A. Ohms</p> <p>B. Kilo Ohms</p> <p>C. Mega Ohms</p> <p>D. Thounds Ohms</p>
5	Flux through any closed surface is:	<p>A. $1/\epsilon$ times the total charge enclosed in it</p> <p>B. ϵ time the total charge enclosed in it</p> <p>C. $1/\epsilon$ ties the total charge enclosed in ti</p> <p>D. ϵ time the total charge enclosed in it</p>
6	The radio active nuclide ${}_{86}\text{Ra}^{228}$ decays by a series of emissions of three alpha particles and one beta particle. The nuclide X finally formed is:	<p>A. ${}_{64}\text{X}^{220}$</p> <p>B. ${}_{86}\text{X}^{222}$</p> <p>C. ${}_{84}\text{X}^{216}$</p> <p>D. ${}_{88}\text{X}^{215}$</p>
7	Potassium Cathodes in photocell emit electrons for a light.	<p>A. Visible</p> <p>B. Infra red</p> <p>C. Ultra violet</p> <p>D. X rays</p>
8	If the resistance of 500 Ohm have fourth band of silver colour then its upper maximum resistance will be.	<p>A. 600 Ohm</p> <p>B. 550 Ohm</p> <p>C. 450 Ohm</p> <p>D. 400 Ohm</p>
9	A charged conductor has charge on its.	<p>A. Inner surface</p> <p>B. Outer surface</p> <p>C. Middle surface</p> <p>D. Surrounding space</p>
10	A° is the unit of:	<p>A. Energy</p> <p>B. Length</p> <p>C. Nuclear energy</p> <p>D. Work</p>
11	Einstein was awarded Nobel prize in physics in	<p>A. 1905</p> <p>B. 1911</p> <p>C. 1918</p> <p>D. 1921</p>
12	Kirchhoff's first rule is the manifestation of the law of conservation of.	<p>A. Mass</p> <p>B. Charge</p> <p>C. Energy</p> <p>D. Momentum</p>
13	Photo copier and inkjet printer are the applications of	<p>A. Magnetism</p> <p>B. Electricity</p> <p>C. Electro magnetism</p> <p>D. Electrostatics</p>
14	We can never accurately describes all aspects of sbatomic particles simulatanously. It is correct according to:	<p>A. Uncertainty Principle</p> <p>B. De-broglie Theory</p> <p>C. Einstin Theory</p>

		D. Photo electric effect
15	When a pot difference of 4 volt is applied across resistance, 10 J of energy is converted Find charge flows	A. 0.20 C B. 2.5 C C. 5.0 C D. 10.0 C
16	Binding energy per nucleon is maximum for	A. Platinum B. Iron C. Uranium D. Lead
17	In metal detector, we use.	A. L-C circuit B. R-L circuit C. R-C circuit D. RLC series circuit
18	The value of Rydberg constant is:	A. $1.0749 \times 10^{71} \text{ m}^{-1}$ B. $1.0974 \times 10^{71} \text{ m}^{-1}$ C. $1.974 \times 10^{61} \text{ m}^{-1}$ D. $1.0974 \times 10^{-71} \text{ m}^{-1}$
19	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
20	100 micro F capacitor is connects to an AC voltage 24 V and frequency 50 Hz. The reactance of the capacitor is.	A. 30.8 Ohm B. 31.8 Ohm C. 34.8 Ohm D. 40 Ohm