

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Choke consumes extremely small	A. Current B. Charge C. Power D. Potential
2	In A.C circuit through a capacitor which one is:	A. Current leads voltage by 90 ^{o^{osup>osup>osup>osup>osup>osup>osup>o}}
3	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
4	To get N-Type the Ge is doped with	A. Aluminium B. Arsenic C. Boron D. Indium
5	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
6	The energy of 4th Orbit in hydrogen atom is.	A2.51 eV B3.50 eV C13.60 eV D0.85 eV
7	Photons emitted in inner shell transition are.	A. Continuous X-rays B. Discontinuous X rays C. Characteristic X rays D. Energetic X rays
8	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
9	Two metallic sphere of radius 2 cm and 4 cm get equal quantity of charge. Which has greater surface charge density?	A. 2 nd sphere B. Both have same C. First sphere D. None of these
10	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. 2 q C. Q/2 D. Zero
11	In a coil current change from 2 to 4 A in .05 s . If the average induced emf is 8 V then coefficient of self-inductance is:	A. 0.2 henry B. 0.1 henry C. 0.8 henry D. 0.04 henry
12	Rutherford performed on experiment on a nuclear reaction in:	A. 1921 B. 1981 C. 1927 D. 1932
13	There is regular arrangement of molecules in:	A. Amorphous solids B. Crystalline solids C. Both a and b D. None of above
14	The sensitivity of Galvanometer can be increased by:	A. Increasing C/BAN factor B. Decreasing C/BAN factor C. Increasing angle θ D. All of above
15	The heat produced by passage of current.	A. H=I ² Rt B. H=IR2T C. H=I/Rt

		D. H=I ² /Rt
; ,	Which of the modulus of elasticity is involved in compressing a rod to decrease its length?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these
,	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
3	Paschen series lies in the	A. Far ultraviolet region B. Visible region C. Ultraviolet region D. Inferred region
)	Question Image	A. Lenz's law B. Faraday's law C. Ampere's law D. None of these
) ,	Application of wave like nature of particle is	A. Photodiode B. Optical microscope C. Electron microscope D. Compound microscope