

Physics ICS Part 2 Online MCQ's Test

0	Outstand	An annana Ohaira
Sr	Questions	Answers Choice
1	The number of neutrons in Li are	A. 2 B. 3 C. 4 D. 7
2	The highest value reached by the voltage or current in one cycle is called.	A. Peak ot peak valueB. Peak valueC. Instantaneous valueD. Root mean square value
3	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorusB. Boron, galliumC. Arsenic, antimonyD. Antimony, indium
4	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. 2 q C. Q/2 D. Zero
5	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
6	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
7	The electrostatic force between two charges is 42 N, If we place a dielectric of $\rm E_y$ =2.1 between the charges then the force become equal to.	A. 42 N B. 88.2 N C. 20 N D. 2 N
8	The function of three anodes a C.R.O is	A. To accelerate electrons only B. To focus the electrons only C. To control the brightness of spot on screen D. To accelerate and focus the electrons
9	106 electrons are moving through a wire per second the current developed is:	A. 1.6 x 10-19 A B. 1 A C. 1.6 x 10-13A D. 106 A
10	The number of electrons in one coulomb charge is equal to	A. 6.2 x 10 ¹⁸ electrons B. Zero electrons C. 1.6 x 10 ⁻²² electrons D. 6.2 x 10 ²¹ electrons
11	Laser can be made by creating.	A. Meta stable B. Population inversion C. Excited state D. All of these
12	One use of a single p-n junction semiconductor in an electrical circuit is a	A. Rectifier B. Transistor C. Battery D. Diode
13	The SI unit of magnetic induction 'B' Tesla is equal to.	A. NA-1m-1 B. Nam-1 C. NA-1 m D. Na2m-1
14	In metal detector, we use.	A. L-C circuit B. R-L circuit C. R-C circuit D. RLC series circuit
15	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
16	Two resistance of 2 Ohm each are connected in parallel combination equivalent resistance will be.	A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 8 Ohm
17	5 A of current flows through a conductor in 2 minutes, charge in the wire is.	A. 500 C B. 600 C C. 400 C D. 10 C
18	The negative sign with induced emf in Faraday's law is in accordance with	A. Lenz's law B. Amperes law C. Boyle's law D. Gauss law
19	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
20	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above