

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
2	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
3	Which of the following is one of the spectral series of atomic hydrogen?	A. Brockett series B. Balmer series C. P fund series D. All of above
4	Unit of decay constantλ is:	A. ms B. m ⁻¹ C. m D. S ⁻¹
5	The SI unit of relative permittivity is.	A. Fm-1 B. C2N-1m-2 C. Nm2C-2 D. No unit
6	lodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
7	In nuclear radiation , track of alpha particle is.	A. Thin B. Discontinuous C. Erratic D. Continuous
8	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
9	SI unit of hennery which is.	A. VSA-1 B. VS-1 A C. VS-1A-1 D. VSA
10	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B D. X= A+B
11	The first theory about the structure of an atom was introduced by	A. Neil Bohr B. Einstein C. Compton D. Rutherford
12	Heat energy is converted into electrical energy.	A. Solar cells B. thermocouples C. Electric generators D. None of above
13	Hydrogen atom spectrum does not lie in	A. Ultraviolet region B. Visible region C. Infrared region D. X ray region
14	The electric field created by positive charge is	A. Radially inward B. Zero C. Circular D. Radially outward
15	The most common source of an A.C. Voltage is.	A. Motor B. Cell C. Generator D. Thermo couple

16	The total flux through a closed surface.	geometry B. Independent of medium C. Depend on shape and geometry D. Dependent on medium and the charge enclosed
17	The p-n junction in which p side is connected to+ive and n-side is -ve the junction is said to be:	A. Neutral B. Forward biased C. Reversed biased D. None of above
18	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above
19	When back emf in motor is zero, it draws.	A. Zero current B. Minimum current C. Maximum current D. Steady current
20	Average value of current and voltage over a complete cycle is.	A. Positive B. Negative C. Zero D. Infinite