

Basic Electronics

Sr	Questions	Answers Choice
1	If Current flowing through switch then the output is expressed as:	A. 0 B. 1 C. -1 D. 2
2	The output of OR gate would be '0' When:	A. Both of its inputs are zero B. One of its two inputs is zero C. Both of its inputs ar 1 D. Any one of its inputs is 1
3	Static electricity can be generated by:	A. Lubrication B. Friction C. Motion D. Smaller the objects
4	If the field is stronger than lines of force are to each other:	A. Far away B. Separated C. Closer D. No effect
5	If we double the distance between two charges, then force becomes:	A. 4-times B. $\frac{1}{4}$ th C. Double D. Half
6	The unit of electrical energy is:	A. Joule B. Watt C. Volt D. Electron volt(eV)
7	Electric field lines were introduced by:	A. Faraday B. Newton C. Coulomb D. Joule
8	Positive charge in an electric field always tend to move:	A. Does not move B. From lower to higher potential C. From higher to lower potential D. All of these
9	For the emission of electrons from the tungsten filament the values of current and voltage are taken as:	A. 0.1 A and 2V B. 0.2 A and 4V C. 0.3A and 6V D. 0.4A and 8V
10	Those quantities whose values do not remain constant are called:	A. physical quantities B. Digital quantities C. Log quantities D. Analog quantities
		A. 0

11	The closed switch in Boolean expression is represented by:	B. 1 C. 10 D. 2
12	The amount of current that can be painful is:	A. $0.005A$ B. $0.001A$ C. $1A$ D. $2A$
13	SI unit of capacitance is:	A. Joule B. Volt C. Watt D. Farad
14	If the distance between the charged bodies is much greater as compared to their sizes then the bodies are considered is:	A. Positive charge B. Negative charge C. Point charge D. Zero charge
15	The base of computer operation are:	A. 1,2 B. 0, 1 C. 0, 2 D. 1, 10
16	Electronics is the study of principles by means of which we control the:	A. Flow of electrons. B. Nuclear fission C. Fusion reaction D. Radiations
17	The device which converts digital quantities into analog quantities is called:	A. ADC B. DAC C. ACD D. CAD
18	If the distance between two point charges is reduced to half, the coulomb's force become:	A. Half B. Two times C. One fourth D. Fourth times
19	Each volt of lightening contains energy:	A. 4×10^6 joules B. 1000 joules C. 1000 million joules D. 10 joules
20	One coulomb is equal to charge of electrons:	A. 6.25×10^{19} B. 6.25×10^{19} C. 6.25×10^{18} D. 6.25×10^{18}