Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
2	X=A+B is the mathematical notation for.	A. OR gate B. NOR gate C. NAND gate D. AND gate
3	A two inputs NAND gat with inputs a and b has an output '0' if.	A. B is zero B. A is zero C. Both A and B are 1 D. Both A and B are '0'
4	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
5	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
6	The output of two input is zero only when its.	A. Both inputs are zero B. Either input is zero C. Both inputs are one D. Either input is one
7	Truth table of logic function.	A. Summarize its output values only B. Tabulates all its input conditions only C. Display all its input and output possibility D. Is not base on logic algebra
8	Which is not fundamental logic gate.	A. NOT B. AND C. OR D. NAND
9	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
10	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
11	The use of LDR is in the circuit of.	A. Logic gate B. Rectifier C. Oscillator D. High Switch
12	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
13	The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of.	A. Ohms B. Kilo Ohms C. Mega Ohms D. Thounds Ohms
14	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance
15	Output resistance of an op amp is	A. High B. Low C. Zero

		D. Equal to input resistance
16	The open loop gain of the amplifier is order of.	A. 10⁶ B. 10⁵ C. 10⁷ D. 10³
17	Greater concentration of impurity is added in.	A. Base B. Emitter C. Collector D. LED