

Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
2	Light emitting diodes are made from semiconductors.	A. Silicon B. Germanium C. Carbon D. Gallium arsenide
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	Transistors are made from	A. Plastics B. Metals C. Insulator D. Doped semi conductors
5	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
6	The semi conductor diode has the property of	A. Two way conduction B. Zero conduction C. One way conduction D. Amplification
7	Which factor does not affect the conductivity of PN-Junction diode.	A. Doping B. Temperature C. Voltage D. Pressure
8	A diode characteristic curve is a plot between	A. Current and time B. Voltage and time C. Voltage and current D. Forward voltage and reverse voltage
9	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
10	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
11	The symbol of p-n-p transistor is	
12	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt
13	The use of LDR is in the circuit of.	A. Logic gate B. Rectifier C. Oscillator D. High Switch
14	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
15	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
		A. Majority carriers

16	The reverse saturation current in a PN junction diode is only due to:	B. Minoritycarriers C. Acceptor ions D. Donor ions
17	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
18	Base of transistor is of order:	A. 10 ⁻¹¹ m B. 10 ⁶ m C. 10 ⁻⁸ m D. 10 ⁻⁶ m
19	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
20	For normal transistor the emitter current can be given by	A. _E = _C B. _E = _C + _B C. _E = _B D. None of these