Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	Conversation of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
3	The potential barrier for silicon is.	A. 0.7 V B. 0.5 V C. 0.3 V D. 0.9 V
4	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
5	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
6	_____ is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
7	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
8	Photodiode is used for:	A. Detection of current B. Detection of heat C. Detection of light D. Both a & b
9	Base of transistor is of order:	A. 10^{-11}m B. 10^{6}m C. 10^{-8}m D. 10^{-6}m
10	For normal use:	A. Emitter base function is reversed biased B. Collector base junction is reserved biased C. Emitter base junction is forward biased D. Both c and b
11	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
12	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
13	Improper bisting of a transistor circiut produces:	A. Heavy loading of emitter current B. Distortion in the output output signal C. Excessive heat at collector terminal D. Faulty location of load line
14	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4

		C. 4
		D. 5
15	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
16	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
17	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
18	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
19	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9
20	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance