

Physics FSC Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The open loop gain of the amplifier is order of.	A. 10^6 B. 10^5 C. 10^7 D. 10^3
2	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
3	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
4	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
5	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
6	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
7	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
8	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
9	Which diode works at reverse biasing.	A. LED B. Photo voltaic cell C. Photo diode D. Silicon diode
10	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
11	A device which converts low voltage or current to high voltage or current is called.	A. Transformer B. AC generator C. Amplifier D. Rectifier
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	Photo diode detects.	A. Visible light B. Radio waves C. X rays D. All of them
14	The ratio of potential barriers of Ge to Si at room temperature is.	A. 7:3 B. 1:3 C. 2:5 D. 3:7
15	Which one has greater concentration of impurity among all:	A. Emitter B. Base C. Collector D. All are pure

16	The semi conductor diode has the property of	A. Two way conduction B. Zero conduction C. One way conduction D. Amplification
17	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4 D. 5
18	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
19	In case of op-amp as an inverting amplifier, $V_+ - V_- = 0$, this is because	A. Open gain loop is very low B. Closed loop gain is very high C. Open loop gain is very high D. Both (a) and (a)
20	Base of transistor is of order:	A. 10^{-11} m B. 10^6 m C. 10^{-8} m D. 10^{-6} m