Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
2	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9
3	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4 D. 5
4	The impurity in the germinium is usually in the ratio of	A. 1:10⁶ B. 1:10⁴ C. 1:10⁸ D. 1:10¹⁰
5	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
6	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
7	The ratio of potential barriers of Ge to Si at room temperatrue is.	A. 7:3 B. 1:3 C. 2:5 D. 3:7
8	Rectification is the process of converting.	A. D.C. into A.C. B. A.C. in to D.C. C. Low signal to high D. High signal to low
9	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
10	One use of a single p-n junction semiconductor in an electrical circuit is a	A. Rectifier B. Transistor C. Battery D. Diode
11	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
12	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
13	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
14	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
		A. 2

15	A transistor has parts:	B. 3 C. 4 D. 5
16	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
17	Which component of the transistor has greater contrition of impurity.	A. Base B. Emitter C. Collector D. Emitter and collector
18	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
19	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
20	Most of the electrons in the base of an NPN transistor flow:	A. Out of the base lead B. Into the collector C. Into the emit D. Into the base supply