Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes C. Two diodes D. One diode
2	In case of reverse biasing, current is flown due to:	A. Minority charge carriers B. Majority charge carriers C. Electrons D. Protons
3	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
4	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. Faculty location of load line
5	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
6	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
7	_____ is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
8	In an N-type silicon, which of the following statement is true?	A. Electrons are majority carriers & trivalent atoms are the dopants B. Electrons are majority carriers & pentavalent atoms are the dopants C. Holes are minority carriers & pentavalent atoms are the dopants. D. Holes are minority carriers & trivavalent atoms are the dopants.
9	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
10	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
11	The use of LDR is in the circuit of.	A. Logic gate B. Rectifier C. Oscillator D. High Switch
12	An expression for gain of an inverting amplifier is	C. (R₁R₂) D. None of these
13	The potential difference across the depletion region of germanium is.	A. 0.3 V B. 0.5 V C. 0.7 V D. 0.8 V
14	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B

		D. X=|A+B|
15	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)
16	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
17	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
18	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
19	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
20	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