Physics FSC Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
2	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)
3	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
4	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
5	The reverse saturation current in a PN junction diode is only due to:	A. Majority carriers B. Minoritycarriers C. Acceptor ions D. Donor ions
6	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
7	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
8	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
9	Which one has greater cone of impurity among all:	A. Emitter B. Base C. Collector D. All are pure
10	Which component of the transistor has greater contrition of impurity.	A. Base B. Emitter C. Collector D. Emitter and collector
11	Pulsating output of full wave rectifier can be made smooth by using circuit called.	A. Filter B. Amplifier C. Resistor D. Transistor
12	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
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	In a certain circuit, $I_B = 40\ \mu A$, $I_C = 20$ mA	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
15	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P -type semi conductor

16	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
17	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B D. X=|A+B|
18	Light emitting diodes are made from semiconductors.	A. Silicon B. Germanium C. Carbon D. Gallium arsenide
19	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
20	A PN junction can not be sued a.	A. Rectifier B. Amplifier C. Detector D. LED