Physics FSC Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance
2	Photodiode is used for:	A. Detection of current B. Detection of heat C. Detection of light D. Both a & b
3	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
4	A PN junction can not be sued a.	A. Rectifier B. Amplifier C. Detector D. LED
5	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
6	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
7	The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of.	A. Ohms B. Kilo Ohms C. Mega Ohms D. Thounds Ohms
8	The mathematical symbol for NOR operation is	B. X = A . B C. X = A + D
9	One use of a single p-n junction semiconductor in an electrical circuit is a	A. Rectifier B. Transistor C. Battery D. Diode
10	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
11	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
12	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B D. X=|A+B|
13	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
14	Which device is used as a rectifier?	A. Capacitor B. Transistor C. Diode D. Transformer
15	The open loop gain of the amplifier is order of.	A. 10⁶ B. 10⁵ C. 10⁷ D. 10³
		A. Inductor

16	Automatic function of street light can be done by the use of.	B. Rectifier C. Comparator D. emf
17	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
18	OR gate is represented by:	A. X = A+B B. X=A.B C. X=A+B D. X=A.B
19	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
20	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor