

Physics FSC Part 2 Chapter 18 Online MCQ's Test

0-	Outstand	Annual Obside
Sr	Questions	Answers Choice
1	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
2	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
3	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
4	The potential barrier for silicon is.	A. 0.7 V B. 0.5 V C. 0.3 V D. 0.9 V
5	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
6	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
7	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
8	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
9	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
10	When transistor are used in digital circuits they usually operate in the :	A. Active region B. Break down region C. Saturation & D. Linear region
11	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
12	The impurity in the germinium is usually in the ratio of	A. 1:10 ⁶ B. 1:10 ⁴ C. 1:10 ⁸ D. 1:10 ¹⁰
13	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
14	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
15	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V

16	Most of the electrons in the base of an NPN transistor flow:	A. Out of the base leadB. Into the collectorC. Into the emitD. Into the base supply
17	For normal transistor the emitter current can be given by	A. I _E = I _C B. I _E = I _C I _B C. I _E = I _B D. None of these
18	Transistor was discovered by	A. Young B. Curie C. John Bardeen D. Shale's
19	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
20	The gain of transistor amplifier depends upon	A. Resistance connected with collector B. Resistance connected with base voltage C. Input voltage D. Output voltage