

Physics FSC Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	Transistor was discovered by	A. Young B. Curie C. John Bardeen D. Shale's
2	The gain of transistor amplifier depends upon	A. Resistance connected with collector B. Resistance connected with base voltage C. Input voltage D. Output voltage
3	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
4	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
5	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
6	The open loop gain of the amplifier is order of.	A. 10 ⁶ B. 10 ⁵ C. 10 ⁷ D. 10 ³
7	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
8	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
9	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
10	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B D. X= A+B
11	is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
12	Which component of the transistor has greater contrition of impurity.	A. Base B. Emitter C. Collector D. Emitter and collector
13	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
14	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
15	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
When transistor are used in digital circuits they usually operate in the :	A. Active region B. Break down region C. Saturation & Coutoff regions D. Linear region
The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
A transistor has parts:	A. 2 B. 3 C. 4 D. 5
In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance
	The term invertor is used for. A transistor has parts: In full wave rectification number of diodes required are equal to.