

Physics FSC Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
2	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
3	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
4	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
5	A device which converts low voltage or current to high voltage or current is called.	A. Transformer B. AC generator C. Amplifier D. Rectifier
6	A diode characteristic curve is a plot between	A. Current and time B. Voltage and time C. Voltage and current D. Forward voltage and reverse voltage
7	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
8	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance
9	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
10	An expression for gain of an inverting amplifier is	C. (R ₁ R ₂) D. None of these
11	The output of two input is zero only when its.	A. Both inputs are zero B. Either input is zero C. Both inputs are one D. Either input is one
12	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
13	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
		A. Doping B. Temperature
14	Which factor does not affect the conductivity of PN-Junction diode.	C. Voltage D. Pressure
15	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

16	is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
17	Greater concentration of impurity is added in.	A. Base B. Emitter C. Collector D. LED
18	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
19	Transistors are made from	A. Plastics B. Metals C. Insulator D. Doped semi conductors
20	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt