

## Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	Photo diode detects.	A. Visible light B. Radio waves C. X rays D. All of them
2	In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
3	Base of transistor is of order:	A. $10^{-11}$ m B. $10^{-6}$ m C. $10^{-8}$ m D. $10^{-6}$ m
4	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
5	The ratio of potential barriers of Ge to Si at room temperature is.	A. 7:3 B. 1:3 C. 2:5 D. 3:7
6	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
7	Conversion of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
8	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
9	The gain of transistor amplifier depends upon	A. Resistance connected with collector B. Resistance connected with base voltage C. Input voltage D. Output voltage
10	_____ is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
11	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
12	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
13	One use of a single p-n junction semiconductor in an electrical circuit is a	A. Rectifier B. Transistor C. Battery D. Diode
14	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
15	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance

		D. All of the above
16	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
17	Transistors are made from	A. Plastics B. Metals C. Insulator D. Doped semi conductors
18	The symbol of p-n-p transistor is	
19	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
20	During negative half cycle of A.c then p-n junction offers.	A. High resistance B. Low resistance C. No resistance D. All of these