

Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
2	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
3	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
4	The reverse saturation current in a PN junction diode is only due to:	A. Majority carriers B. Minority carriers C. Acceptor ions D. Donor ions
5	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
6	Which device is used as a rectifier?	A. Capacitor B. Transistor C. Diode D. Transformer
7	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
8	The gate, which changes the logic level to its opposite level is called	A. NOR gate B. AND gate C. OR gate D. NOT gate
9	An expression for gain of an inverting amplifier is	A. $\frac{R_1}{R_2}$ B. $\frac{R_2}{R_1}$ C. $(\frac{R_1}{R_2} + 1)$ D. None of these
10	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
11	Photodiode is used for:	A. Detection of current B. Detection of heat C. Detection of light D. Both a & b
12	Truth table of logic function.	A. Summarize its output values only B. Tabulates all its input conditions only C. Display all its input and output possibility D. Is not based on logic algebra
13	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
14	Photo diode is used for detection of.	A. Heat B. Magnet C. Current D. Light
15	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Transistor

		D. Thermistor
16	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
17	Rectification is the process of converting.	A. D.C. into A.C. B. A.C. in to D.C. C. Low signal to high D. High signal to low
18	Greater concentration of impurity is added in.	A. Base B. Emitter C. Collector D. LED
19	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
20	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9