

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

Sr	Questions	Answers Choice
1	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
2	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
3	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
4	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
5	Pulsating output of full wave rectifier can be made smooth by using circuit called.	A. Filter B. Amplifier C. Resistor D. Transistor
6	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
7	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
8	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
9	In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
10	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
11	_____ is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
12	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
13	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
14	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
15	A PN junction can not be sued a.	A. Rectifier B. Amplifier C. Detector D. LED

16	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
17	Which factor does not affect the conductivity of PN-Junction diode.	A. Doping B. Temperature C. Voltage D. Pressure