

Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	The output from a full wave rectifier is	A. An ac voltage B. A dc voltage C. Zero D. A pulsating unidirectional voltage
2	In case of reverse biasing, current is flown due to:	A. Minority charge carriers B. Majority charge carriers C. Electrons D. Protons
3	Photodiode is used for:	A. Detection of current B. Detection of heat C. Detection of light D. Both a & b
4	The potential barrier for silicon is.	A. 0.7 V B. 0.5 V C. 0.3 V D. 0.9 V
5	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
6	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
7	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
8	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
9	A device which converts low voltage or current to high voltage or current is called.	A. Transformer B. AC generator C. Amplifier D. Rectifier
10	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9
11	Which diode works at reverse biasing.	A. LED B. Photo voltaic cell C. Photo diode D. Silicon diode
12	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
13	The symbol of p-n-p transistor is	
14	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
15	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance
16	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy

D. Frequency of light

17 Conversion of A.C into D.C is called:

- A. Compton effect
- B. Rectification
- C. Amplification
- D. Pair production

18 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

19 Which is not fundamental logic gate.

- A. NOT
- B. AND
- C. OR
- D. NAND

20 Transistors are made from

- A. Plastics
- B. Metals
- C. Insulator
- D. Doped semi conductors