

Physics FSC 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	The term inverter is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
3	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 base on logic algebra
4	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P -type semi conductor
5	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
6	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
7	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
8	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
9	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
10	Which factor does not affect the conductivity of PN-Junction diode.	A. Doping B. Temperature C. Voltage D. Pressure
11	The potential difference across the depletion region of germanium is.	A. 0.3 V B. 0.5 V C. 0.7 V D. 0.8 V
12	For normal transistor the emitter current can be given by	A. $I_E = I_C$ B. $I_E = I_C + I_B$ C. $I_E = I_B + I_C$ D. None of these
13	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
14	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4 D. 5
		A. High resistance

15	During negative half cycle of A.c then p-n junction offers.	B. Low resistance C. No resistance D. All of these
16	In case of op-amp as an inverting amplifier, $V_+ - V_- = 0$, this is because	A. Open gain loop is very low B. Closed loop gain is very high C. Open loop gain is very high D. Both (a) and (a)
17	$X=A+B$ is the mathematical notation for.	A. OR gate B. NOR gate C. NAND gate D. AND gate
18	The open loop gain of the amplifier is order of.	A. $10^{⁶}$ B. $10^{⁵}$ C. $10^{⁷}$ D. $10^{³}$
19	Photodiode is used for:	A. Detection of current B. Detection of heat C. Detection of light D. Both a & b
20	Improper biasing of a transistor circuit produces:	A. Heavy loading of emitter current B. Distortion in the output output signal C. Excessive heat at collector terminal D. Faulty location of load line