

Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	The mathematical symbol for NOR operation is	B. $X = A \cdot B$ C. $X = A + D$
3	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
4	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
5	The device which is used as amplifier and works with the negative feedback is.	A. Operational amplifier B. P-n-p transistor C. n-p-n transistor D. Transistor
6	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
7	The term inverter is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
8	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
9	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
10	An expression for gain of an inverting amplifier is	C. $(R_{sub>1</sub>/R_{sub>2</sub>})$ D. None of these
11	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
12	Improper bisting of a transistor circiut produces:	A. Heavy loading of emitter current B. Distortion in the output output signal C. Excessive heat at collector terminal D. Faculty location of load line
13	The ratio of potential barriers of Ge to Si at room temperatruue is.	A. 7:3 B. 1:3 C. 2:5 D. 3:7
14	In a certain circuit, $I_B = 40 \mu A$, $I_C = 20 \text{ mA}$	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
15	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

16	The output from a full wave rectifier is	A. An ac voltage B. A dc voltage C. Zero D. A pulsating unidirectional voltage
17	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
18	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
19	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
20	A transistor has parts:	A. 2 B. 3 C. 4 D. 5