Physics ICS Part 2 Chapter 18 Online MCQ's Test

Sr	Questions	Answers Choice
1	In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
2	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4 D. 5
3	Transistor was discovered by	A. Young B. Curie C. John Bardeen D. Shale's
4	The output from a full wave rectifier is	A. An ac voltage B. A dc voltage C. Zero D. A pulsating unidirectional voltage
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	X=A+B is the mathematical notation for.	A. OR gate B. NOR gate C. NAND gate D. AND gate
7	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
8	The gain of transistor amplifier depends upon	A. Resistance connected with collector B. Resistance connected with base voltage C. Input voltage D. Output voltage
9	Transistors are made from	A. Plastics B. Metals C. Insulator D. Doped semi conductors
10	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
11	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
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 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	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
15	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9
16	For normal use:	A. Emitter base function is reversed biased B. Collector base junction is reserved biased C. Emitter base junction is forward biased D. Both c and b
17	_____ is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
18	Photodiode is used for:	A. Detection of current B. Detection of heat C. Detection of light D. Both a & b
19	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes C. Two diodes D. One diode
20	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