FUNDAMENTALS OF ELECTRONICS AND COMPUTER PROGRAMMING (CBCS)
Sub. Code: 72508 / 71818 / 59940

Day and Date: Thursday, 24-03-2022   **Total Marks: 50**

Time: 02.00 pm to 03.00 pm

Answer Key

			Correct Option
Q. 1)	For proper biasing of transistor for amplification, the emitter base junction should be ………….. biased and collector base junction should be …………. Biased		D
	A) forward, forward	B) reversed, forward	
	C) reversed, forward	D) forward, reversed	
Q. 2)	Input characteristics of transistor is a graph of _____		A
	A) input current Vs input voltage at constant output voltage	B) input power Vs input power at constant output power	
	C) input current Vs input voltage at constant output current	D) input current Vs input voltage at constant output power	
Q.3)	Generally Zener diode is always connected in		A
	A)reverse biased	B)forward biased	
	C) zero biased	D) none of the above	
Q. 4)	$I_C = [\alpha / (1 - \alpha)] I_B +$ ………….		A
	A) I_{CEO}	B) I_{CBO}	
	C) I_C	D) I_E	
Q. 5)	The NOR gate output will be high if the two inputs are _____		A
	A) 0, 0	B) 0, 1	
	C) 1, 0	D) 1, 1	
Q. 6)	…………. NOT gates are available in a single IC 7404.		C
	A) 2	B) 4	
	C) 6	D) 8	
Q. 7)	Full adder logic circuit can be constructed using		D
	A) AND, OR, NOT gates	B) using only NAND gate	
	C) using only NOR gate	D) All of above	
Q. 8)	Among which of the logic family propagation Delay Time is lowest		B
	A) TTL	B) ECL	
	C) MOS	D) CMOS	
Q. 9)	Which of the following is digital transducer		A
	A)Encoder	B)Thermistor	
	C)Strain gauge	D)LVDT	
Q. 10)	A strain gauge transducer convert		B
	A)Pressure into a change of resistance	B)Mechanical displacement into a	

		change of resistance		
	C) Force into a displacement	D)Pressure into displacement		
Q. 11)	Which of the following is used as power source in Microwave Oven			B
	A)Waveguide	B)Magnetron		
	C)Battery	D)Oil		
Q. 12)	In Electronic Weighing Machine generally following transducer is used			C
	A)RTD	A)LVDT		
	C)Strain Guage	C)Temperature Transducer		

Q. 13)	The execution of statement (s) depending upon condition test is known as-			B
	A) Iteration	B) Selection		
	C) Sequence	D) None of these		
Q. 14)	The _____ symbol is used to represent process in flowchart.			C
	A) Circle	B) Diamond		
	C) Rectangle	D) None of these		
Q. 15)	Such use of the computer through which we can write a letter, article, book, or prepare a report is called			B
	A) operating system	B) word processing		
	C) data management	D) managing system		
Q. 16)	What is a protocol?			B
	A) Keynotes and information about the internet.	B) set of rules and regulation that governs proper data communication amongst users		
	C) methodologies to send and receive data amongst users.	D) set of instructions for the prevention of outsourcing hackers.		
Q. 17)	The word processing feature that catches most random typographical errors and misspellings is known as _____.			B
	A) Grammar checker	B) Spell checker		
	C) Word checker	D) None of the these		
Q. 18)	What are five main components of a computer system?			D
	A) CPU, CD-ROM, Mouse, Keyboard, Sound card	B) Memory, Video card, Monitor, Software, Hardware		
	C) Modem, Keyboard, Word Processor, Printer, Screen	D) CPU, Memory, System bus, Input, Output		
Q. 19)	Which of the following is an input device?			D
	A) Plotter	B) Printer		
	C) VDU	D) Mouse		
Q. 20)	The period of _____ generation was 1952-1964.			B
	A) 1st	B)2nd		
	C) 5th	D) 4th		
Q. 21)	Which of the following computer generation uses concept of artificial intelligence?			D
	A) First Generation	B) Second Generation		
	C) Third Generation	D) Forth Generation		
Q. 22)	The octal equivalent of 1100101.001010 is _____			B
	A) 624.12	B) 145.12		
	C) 154.12	D) 145.21		
Q. 23)	Convert the binary equivalent 10101 to its decimal equivalent.			A
	A) 21	B) 12		
	C) 22	D) 31		
Q. 24)	What could be the maximum value of a single digit in an octal number system?			B
	A) 8	B) 7		

	C) 6	D) 5		
Q. 25)	_____ is a program that converts high-level language to assembly language.			B
	A)Assembler	B)Compiler		
	C)Interpreter	D)Linker		