Digital Systems and Logic Design

Sr	Questions	Answers Choice
1	Which of the following Boolean expressions represents the OR operation	A. A.B B. A+B C. A D. A-B
2	CU stand for.....	A. Circuitry Unit B. Central Unit C. Control Unit D. None of these
3	In K-map , K stand for.....?	A. Knowldege B. Karnaugh C. Both a and b D. None of these
4	Bit stand for .....?	A. Binary integer B. Binary Value C. Binary Number D. Binary digit
5	Basic Arthemetic Operation like addition subtractio are performed by?	A. ALU B. CU C. UDP D. All of these
6	Whcih one of the example of Digital Signal?	A. Binary B. Sound Wave C. 11 D. 00
7	In a half-adder circuit, the carry is generated by which operation?	A. XOR operation B. AND Operation C. OR Operation D. NOT Operation
8	ALU Stands for.....	A. Arithmetic and Local Unit B. Arithmetic and Legal Unit C. Arithmetic and Logic Unit D. None of these
9	What is the dual of Booean expression A.0=0?	A. A+1=1 B. A + 0 = A C. A. 1 = A D. A.O = 0
10	What does DAC represents?	A. Analog Digital Convenient B. Analog Digital Conversation C. Digitla analog conversion D. All of these
11	What is the decmimal equivalent of the binary number 1101?	A. 13 B. 11 C. 12 D. 14
12	OR operation yields 1 output when at least of.....of the input is true.	A. 0 B. 00 C. 1 D. 10
13	Whihc signals are in discree form?	A. Analog B. Digital C. Both a and b D. None of these
14	In digit system 0 epresents?	A. OF B. OFF C. ON D. All of these
15	In digit system 1 represents?	A. ON B. OFF C. OF D. All of these

16	Which one is the example of Analog signal?	A. Binary B. Sound Wave C. 10 D. None of these
17	the output of AND Operation is 1 only whenboth inputs are?	A. 10 B. 0 C. 1 D. 00
18	Which logic gate outputs true only if both inputs are true?	A. OR gate B. AND gate C. XOR gate D. NOT gat
19	Digital system depends on?	A. 10 B. 00 C. 11 D. None of these
20	Comparison of two or more values are performed in?	A. CU B. UDP C. LU D. None of these