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	Which logic gate outputs true only if both inputs are true?	A. OR gate B. AND gate C. XOR gate D. NOT gat
3	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
4	Which one is the example of Analog signal?	A. Binary B. Sound Wave C. 10 D. None of these
5	CU stand for...............	A. Circuitry Unit B. Central Unit C. Control Unit D. None of these
6	In a half-adder circuit, the carry is generated by which operation?	A. XOR operation B. AND Operation C. OR Operation D. NOT Operation
7	OR operation yields 1 output when at least of........of the input is true.	A. 0 B. 00 C. 1 D. 10
8	Whihc signals are in discree form?	A. Analog B. Digital C. Both a and b D. None of these
9	Digital system depends on?	A. 10 B. 00 C. 11 D. None of these
10	ALU Stands for..........	A. Arithmetic and Local Unit B. Arithmetic and Legal Unit C. Arithmetic and Logic Unit D. None of these
11	Comparison of two or more values are performed in?	A. CU B. UDP C. LU D. None of these
12	In K-map , K stand for..................?	A. Knowldege B. Karnaugh C. Both a and b D. None of these
13	What does ADC represents?	A. Analog Digital Conversation B. Analog Digital Conversion C. Analog Digital Convenient D. All of these
14	In digit system 1 represents?	A. ON B. OFF C. OF D. All of these
15	What does DAC represents?	A. Analog Digital Convenient B. Analog Digital Conversation C. Digitla analog conversion D. All of these

16	Bit stand for ....?	A. Binary integer B. Binary Value C. Binary Number D. Binary digit
17	the output of AND Operation is 1 only whenboth inputs are?	A. 10 B. 0 C. 1 D. 00
18	Which signals are in continues form?	A. Digital B. Analog C. Both a and b D. None of these
19	In digit system 0 epresents?	A. OF B. OFF C. ON D. All of these
20	Whcih one of the example of Digital Signal?	A. Binary B. Sound Wave C. 11 D. 00