

## Digital Systems and Logic Design

Sr	Questions	Answers Choice
1	Digital system depends on?	A. 10 B. 00 C. 11 D. None of these
2	OR operation yields 1 output when at least of.....of the input is true.	A. 0 B. 00 C. 1 D. 10
3	Which logic gate outputs true only if both inputs are true?	A. OR gate B. AND gate C. XOR gate D. NOT gat
4	Which of the following Boolean expressions represents the OR operation	A. A.B B. A+B C. A D. A-B
5	Bit stand for .....?	A. Binary integer B. Binary Value C. Binary Number D. Binary digit
6	What does ADC represents?	A. Analog Digital Conversation B. Analog Digital Conversion C. Analog Digital Convenient D. All of these
7	CU stand for.....	A. Circuitry Unit B. Central Unit C. Control Unit D. None of these
8	Whihc signals are in disgree form?	A. Analog B. Digital C. Both a and b D. None of these
9	Basic Arthmetic Operation like addition subtractio are performed by?	A. ALU B. CU C. UDP D. All of these
10	What is the decmial equivalent of the binary number 1101?	A. 13 B. 11 C. 12 D. 14
11	What does DAC represents?	A. Analog Digital Convenient B. Analog Digital Conversation C. Digitla analog conversion D. All of these
12	Which signals are in continues form?	A. Digital B. Analog C. Both a and b D. None of these
13	What is the dual of Booean expression $A \cdot 0 = 0$ ?	A. $A+1=1$ B. $A + 0 = A$ C. $A \cdot 1 = A$ D. $A \cdot 0 = 0$
14	In K-map , K stand for.....?	A. Knowldege B. Karnaugh C. Both a and b D. None of these
15	ALU Stands for.....	A. Arithmetic and Local Unit B. Arithmetic and Legal Unit C. Arithmetic and Logic Unit D. None of these

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16	Which one of the examples of Digital Signal?	A. Binary B. Sound Wave C. 11 D. 00
17	In digit system 0 represents?	A. OF B. OFF C. ON D. All of these
18	Comparison of two or more values are performed in?	A. CU B. UDP C. LU D. None of these
19	In a half-adder circuit, the carry is generated by which operation?	A. XOR operation B. AND Operation C. OR Operation D. NOT Operation
20	the output of AND Operation is 1 only when both inputs are?	A. 10 B. 0 C. 1 D. 00

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