

Digital Systems and Logic Design

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

16	Basic Arithmetic Operation like addition subtractio are performed by?	A. ALU B. CU C. UDP D. All of these
17	Which one is the example of Analog signal?	A. Binary B. Sound Wave C. 10 D. None of these
18	In digit system 1 represents?	A. ON B. OFF C. OF D. All of these
19	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. $A \cdot 0 = 0$
20	the output of AND Operation is 1 only whenboth inputs are?	A. 10 B. 0 C. 1 D. 00
