

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	In K-map , K stand for.....?	A. Knowldege B. Karnaugh C. Both a and b D. None of these
3	the output of AND Operation is 1 only whenboth inputs are?	A. 10 B. 0 C. 1 D. 00
4	In digit system 1 represents?	A. ON B. OFF C. OF D. All of these
5	In a half-adder circuit, the carry is generated by which operation?	A. XOR operation B. AND Operation C. OR Operation D. NOT Operation
6	What does DAC represents?	A. Analog Digital Convenient B. Analog Digital Conversation C. Digitla analog conversion D. All of these
7	Basic Arthmetic Operation like addition subtractio are performed by?	A. ALU B. CU C. UDP D. All of these
8	Bit stand for?	A. Binary integer B. Binary Value C. Binary Number D. Binary digit
9	Which logic gate outputs true only if both inputs are true?	A. OR gate B. AND gate C. XOR gate D. NOT gat
10	What is the decmial equivalent of the binary number 1101?	A. 13 B. 11 C. 12 D. 14
11	What does ADC represents?	A. Analog Digital Conversation B. Analog Digital Conversion C. Analog Digital Convenient D. All of these
12	CU stand for.....	A. Circuitry Unit B. Central Unit C. Control Unit D. None of these
13	ALU Stands for.....	A. Arithmetic and Local Unit B. Arithmetic and Legal Unit C. Arithmetic and Logic Unit D. None of these
14	In digit system 0 eprents?	A. OF B. OFF C. ON D. All of these
15	Comparison of two or more values are performed in?	A. CU B. UDP C. LU D. None of these

16	Which signals are in discrete form?	A. Analog B. Digital C. Both a and b D. None of these
17	OR operation yields 1 output when at least of.....of the input is true.	A. 0 B. 00 C. 1 D. 10
18	Which of the following Boolean expressions represents the OR operation	A. A.B B. A+B C. A D. A-B
19	Which one of the examples of Digital Signal?	A. Binary B. Sound Wave C. 11 D. 00
20	What is the dual of Boolean expression $A \cdot 0 = 0$?	A. $A + 1 = 1$ B. $A + 0 = A$ C. $A \cdot 1 = A$ D. $A \cdot 0 = 0$