Business Mathematics Icom Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	In base 2 system digits are used	A. 0, 2 B. 0, 1 C. 2, 3 D. 0, 1, 2
2	$(100011)_2 \times (1101)_2$ = ----------	A. (111000111)₂ B. (100011001)₂ C. (100000001) D. (110011001)₂
3	$(1101)_2 + (1001)_2$ = ----------	A. (10110)₂ B. (11100)₂ C. (10001)₂ D. (11011)₂
4	5 in binary system is:	A. (10)₂ B. (101)₂ C. (11)₂ D. None of these
5	In decimal system $(12)_5$ is equal to	A. 17 B. 7 C. 15 D. 60
6	a : b :: c : d is:	A. a/b = d/c B. b/a = c/d C. a/b = c/d D. None of these
7	Hexadecimal number system is based on:	A. Two digits B. Ten digits C. Eight digits D. Sixteen digits
8	$(10110)_2$ in decimal number is:	A. 20 B. 22 C. 24 D. 26
9	The decimal number 23 in simplest form is:	A. 3(10)^o + (10)¹ B. 2(10)^o + 3 (10)¹ C. 2(10)^o + 3 (10)² D. 3(10) + 2 (10)²
10	$(1001001)_2$ in decimal system is ----------	A. 37 B. 67 C. 73 D. 87
11	The decimal number 43 comprises:	A. 4 units and 4 tens B. 3 tens and no unit C. 0 unit and 4 tens D. 3 units and 4 tens
12	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None
13	In decimal $(101)_2 + (11)_2$ is equal to:	A. 2 B. 4 C. 8 D. None of these
14	The binary number "10" is in decimal number system is equivalent to:	A. 1 B. 2 C. 3 D. 4
		A. 10010001

15	$(145)_{10}$ = ( )2	B. 10010111 C. 11100001 D. 10001001
16	$(1100000)_2$ - $(111111)_2$= ---------- :	A. (100001)₂ B. (110001)₂ C. (1000111)₂ D. (111110)₂
17	The decimal number "2" in binary number system is equivalent to:	A. 0 B. 1 C. 10 D. 11
18	$(10101)_2$ in decimal system is	A. 32 B. 26 C. 21 D. 30
19	Number of digits in decimal system	A. 5 B. 8 C. 10 D. 9
20	2143 in binary system is ----------	A. (1111100111)₂ B. (100001011111)₂ C. (1101101101)₂ D. (1000010111)₂