Business Mathematics Icom Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	$(1101)_2 + (1001)_2$ = ----------	A. $(10110)_2$ B. $(11100)_2$ C. $(10001)_2$ D. $(11011)_2$
2	In base 2 system digits are used	A. 0, 2 B. 0, 1 C. 2, 3 D. 0, 1, 2
3	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
4	In decimal $(101)_2 + (11)_2$ is equal to:	A. 2 B. 4 C. 8 D. None of these
5	Basically proportion is of:	A. 4 types B. 3 types C. 2 types D. None of these
6	The decimal number "2" in binary number system is equivalent to:	A. 0 B. 1 C. 10 D. 11
7	$(1100000)_2 - (111111)_2$= ---------- :	A. $(100001)_2$ B. $(110001)_2$ C. $(1000111)_2$ D. $(111110)_2$
8	Hexadecimal number system is based on:	A. Two digits B. Ten digits C. Eight digits D. Sixteen digits
9	$(10101)_2$ in decimal system is	A. 32 B. 26 C. 21 D. 30
10	$(10110)_2$ in decimal number is:	A. 20 B. 22 C. 24 D. 26
11	5 in binary system is:	A. $(10)_2$ B. $(101)_2$ C. $(11)_2$ D. None of these
12	$(1001001)_2$ in decimal system is ----------	A. 37 B. 67 C. 73 D. 87
13	$(145)_{10} = (\ )_2$	A. 10010001 B. 10010111 C. 11100001 D. 10001001
14	The binary number "10" is in decimal number system is equivalent to:	A. 1 B. 2 C. 3 D. 4
15	29 in binary number system is	A. $(110101)_2$ B. $(10101011)_2$ C. (1011101) D. $(11101)_2$

16	A matrix with same number of rows and columns is known as:	A. Diagonal matrix B. Scalar matrix C. Square matrix D. None
17	a : b :: c : d is:	A. a/b = d/c B. b/a = c/d C. a/b = c/d D. None of these
18	Annuity is classified into:	A. Two classes B. Three classes C. Four classes D. Five classes
19	In decimal system $(12)_5$ is equal to	A. 17 B. 7 C. 15 D. 60
20	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