

Business Mathematics Icom Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Number of digits in decimal system	A. 5 B. 8 C. 10 D. 9
2	In decimal system $(12)_5$ is equal to	A. 17 B. 7 C. 15 D. 60
3	In base 2 system digits are used	A. 0, 2 B. 0, 1 C. 2, 3 D. 0, 1, 2
4	29 in binary number system is	A. $(110101)_2$ B. $(10101011)_2$ C. $(101101)_2$ D. $(11101)_2$
5	$(1101)_2 + (1001)_2 =$ -----	A. $(10110)_2$ B. $(11100)_2$ C. $(10001)_2$ D. $(11011)_2$
6	$(100011)_2 \times (1101)_2 =$ -----	A. $(111000111)_2$ B. $(100011001)_2$ C. $(100000001)_2$ D. $(110011001)_2$
7	$(1001001)_2$ in decimal system is -----	A. 37 B. 67 C. 73 D. 87
8	2143 in binary system is -----	A. $(1111100111)_2$ B. $(10000101111)_2$ C. $(101101101)_2$ D. $(1000010111)_2$
9	$(10101)_2$ in decimal system is	A. 32 B. 26 C. 21 D. 30
10	$(1100000)_2 - (111111)_2 =$ ----- :	A. $(100001)_2$ B. $(110001)_2$ C. $(1000111)_2$ D. $(111110)_2$
11	Hexadecimal number system is based on:	A. Two digits B. Ten digits C. Eight digits D. Sixteen digits
12	The decimal number "2" in binary number system is equivalent to:	A. 0 B. 1 C. 10 D. 11
13	The binary number "10" is in decimal number system is equivalent to:	A. 1 B. 2 C. 3 D. 4
14	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
15	The decimal number 23 in simplest form is:	A. $3(10)^0 + (10)^1$ B. $2(10)^0 + (10)^1 + 3(10)^1$ C. $2(10)^1 + (10)^0 + 3(10)^0$ D. $2(10)^0 + 3(10)^1$

C. $2(10)^0 + 3(10)^1$
D. $3(10) + 2(10)^1$

- 16 $(10110)_2$ in decimal number is:
A. 20
B. 22
C. 24
D. 26
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- 17 In decimal $(101)_2 + (11)_2$ is equal to:
A. 2
B. 4
C. 8
D. None of these
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- 18 5 in binary system is:
A. $(10)_2$
B. $(101)_2$
C. $(11)_2$
D. None of these
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- 19 A matrix with same number of rows and columns is known as:
A. Diagonal matrix
B. Scalar matrix
C. Square matrix
D. None
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- 20 $(145)_{10} = (?)_2$
A. 10010001
B. 10010111
C. 11100001
D. 10001001
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- 21 Basically proportion is of:
A. 4 types
B. 3 types
C. 2 types
D. None of these
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- 22 $a : b :: c : d$ is:
A. $a/b = d/c$
B. $b/a = c/d$
C. $a/b = c/d$
D. None of these
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- 23 Annuity is classified into:
A. Two classes
B. Three classes
C. Four classes
D. Five classes
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