Chapter: 02

Binary System

Objective

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Q 1: Hexadecimal system has total …….. numbers.

Ⓐ 15 Ⓑ 18 Ⓒ 16 Ⓓ 17

Q 2: The system under which the numerical system is expressed is called:

Ⓐ All of these Ⓑ Binary system Ⓒ Number system Ⓓ Decimal system

Q 3: What numerical system do we use in our daily life?

Ⓐ None of these Ⓑ Binary system Ⓒ Number system Ⓓ Decimal system

Q 4: The base of decimal system is:

Ⓐ 16 Ⓑ 10 Ⓒ 2 Ⓓ 0,1

Q 5: The base of binary system is:

Ⓐ 16 Ⓑ 10 Ⓒ 2 Ⓓ 0,1

Q 6: Binary numeric systems have numbers:

Ⓐ 0-16 Ⓑ 10-16 Ⓒ 0-9 Ⓓ 0,1

Q 7: The binary value of the letter A is:

Ⓐ 1001001 Ⓑ 11001100 Ⓒ 10000001 Ⓓ 1000001

Q 8: The decimal value of the letter A is:

Ⓐ 65 Ⓑ 50 Ⓒ 46 Ⓓ 35

Q 9: The value of A in hexadecimal system is:

Ⓐ 15 Ⓑ 12 Ⓒ 10 Ⓓ 0,1

Q10: Number "17" is equal to …….. in binary system.

Ⓐ 10100 Ⓑ 10001 Ⓒ 10110 Ⓓ 10000

Q11: To convert a decimal number into binary number, we divide the number by:

Ⓐ 16 Ⓑ 0,1 Ⓒ 10 Ⓓ 2

Q12: The number resulting from the division of one number by another is called:

Ⓐ None Ⓑ Both Ⓒ Quotient Ⓓ Remainder

Q13: $(69610)_{10}$ in hexadecimal are:

Ⓐ $(6FAB)_{16}$ Ⓑ $(10FEA)_{16}$ Ⓒ $(6FEA)_{16}$ Ⓓ $(10FAB)_{15}$

Q14: $(C9)_{16}$ in binary is:

Ⓐ 11001001 Ⓑ 11000001 Ⓒ 10001101 Ⓓ 11011001

Q15: The types of memory are:

Ⓐ 4 Ⓑ 3 Ⓒ 2 Ⓓ 1

Q16: The example of volatile memory is:

Ⓐ All of these Ⓑ CD Ⓒ Hard Disk Ⓓ RAM

Q17: In which memory is the data temporarily stored?

Ⓐ None of these Ⓑ Both of these Ⓒ Non-volatile memory Ⓓ Volatile memory

Q18: Data is stored in memory cards:

Ⓐ Cant saved Ⓑ Permanently Ⓒ Temporary Ⓓ For one month

Q19: Digital computer saved data in the form of:

Ⓐ None of these Ⓑ Binary Ⓒ Hexadecimal Ⓓ Decimal

Q20: How many bytes will it take to save the name "Pakistan" in computer memory?

Ⓐ 64 Ⓑ 32 Ⓒ 16 Ⓓ 8

Q21: One byte contains bits:

Ⓐ 1024 Ⓑ 8 Ⓒ 4 Ⓓ 2

Q22: One kilo byte contains bytes:

Ⓐ 3062 Ⓑ 2048 Ⓒ 1024 Ⓓ 8

Q23: The least amount of space is required to store any type of information in a computer.

Ⓐ None of these Ⓑ 1024 bytes Ⓒ 8 bytes Ⓓ One byte

Q24: 1 petabyte is equal to.....bytes:

Ⓐ $(1024)^7$ Ⓑ $(1024)^5$ Ⓒ $(1024)^6$ Ⓓ $(1024)^4$

Q25: Expression (A+B).(A+C) is equal to:

Ⓐ A+(B+C) Ⓑ A.(B.C) Ⓒ A.B+A.C Ⓓ A+(B.C)

Q26: The order of application of two separate terms is not important in:

Ⓐ Identity law Ⓑ Distributive law Ⓒ Commutative law Ⓓ Associative law

Q27: "it is cold outside" is:

Ⓐ None of these Ⓑ Both Ⓒ Moral propositions Ⓓ Boolean Proposition

Q28: Preposition indicates the value:

Ⓐ None of these Ⓑ Both Ⓒ FALSE Ⓓ TRUE

Q29: AND operator can be denoted by:

Ⓐ None Ⓑ - Ⓒ + Ⓓ .

Q30: OR operator can be denoted by:

Ⓐ None Ⓑ - Ⓒ + Ⓓ .

Q31: ..... used to test the preposition.

Ⓐ None of these Ⓑ Calculator Ⓒ Simple table Ⓓ Truth table

Q32: By negating a negative preposition, we get a ..... preposition:

Ⓐ None of these Ⓑ Both Ⓒ Positive Ⓓ Negative

Answers:

1	C	19	B
2	C	20	D
3	D	21	B
4	B	22	C
5	C	23	D
6	D	24	B
7	D	25	D
8	A	26	C
9	C	27	D
10	B	28	B
11	D	29	D
12	C	30	C
13	B	31	D
14	A	32	C
15	C		
16	D		
17	D		
18	B		