



spardhaguru2022



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1) What is the decimal value of the binary number 101011?

- a) 21 b) 43
c) 53 d) 61

2) Which of the following is NOT a base of a number system?

- a) 2 b) 10
c) 32 d) 33

3) What is the value of the hexadecimal number 3F in decimal?

- a) 63 b) 65
c) 77 d) 79

4) What is the binary value of the decimal number 73?

- a) 01001001 b) 01001010
c) 10010001 d) 10010010

5) What is the octal value of the binary number 1111100?

- a) 74 b) 76
c) 77 d) 78

6) What is the decimal value of the octal number 67?

- a) 53 b) 55
c) 61 d) 63

7) Which of the following is a valid hexadecimal digit?

- a) G b) 9
c) \$ d) %

8) What is the binary value of the hexadecimal number 2B?

- a) 00101011 b) 01001011
c) 10101011 d) 11001011

9) What is the decimal value of the binary number 1110001?

- a) 97 b) 99
c) 101 d) 103

10) Which of the following is the largest binary number that can be represented with 6 bits?

- a) 31 b) 62
c) 63 d) 64

11) What is the binary value of the decimal number 128?

- a) 10000000 b) 10000001
c) 11111111 d) None of the above

12) What is the decimal value of the binary number 11111111?

- a) 255 b) 256
c) 257 d) None of the above

13) What is the octal value of the binary number 1101101?

- a) 33 b) 53
c) 65 d) 75

14) What is the binary value of the octal number 23?

- a) 001011 b) 010011
c) 011011 d) 110011

15) What is the hexadecimal value of the binary number 10010110?

- a) 56 b) 96
c) 9A d) B6

16) Which of the following is a valid octal digit?

- a) 8 b) 9
c) A d) B

17) Which of the following is the largest hexadecimal digit?

- a) A b) B
c) C d) F

18) Which of the following is a valid binary number?

- a) 11021 b) 10101
c) 12345 d) 11111





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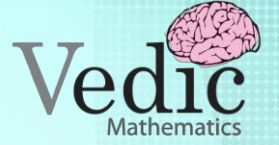
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19) What is the binary value of the octal number 777?

- a) 000111111111
- b) 111111111
- c) 100110011001
- d) None of the above

20) Which of the following is the smallest decimal number that can be represented with 6 bits?

- a) -32 b) -31
- c) 0 d) 1

21) The tangible part of a computer system is called

- a) Input data b) Output data
- c) Hardware d) Software

22) Binary coded decimal (BCD) numbers express each digit is a

- a) Bit b) Byte
- c) Nibble d) All of these

23) Hexadecimal numbers are a mixture of

- a) Octal and decimal numbers
- b) Binary and octal numbers
- c) Letters and decimal digits
- d) Binary and decimal numbers

24) ASCII code is an

- a) Alpha numeric code b) Cyclic code
- c) Numeric code d) Alphabet code

25) Icons are

- a) Typed commands b) Verbal commands
- c) Imaginary commands d) Picture commands

26) Which of the following is not a binary number?

- a) 1001 b) 101
- c) 1002 d) 110

27) The base of Binary Number System is

- a) 3 b) 4
- c) 2 d) 0

28) Which of the following is an example of a binary number?

- a) 6AH1 b) 100101
- c) 20020 d) 23456

29) What is the value of the binary number 18?

- a) 10010 b) 10101
- c) 10100 d) 11010

30) The binary numbers 0 and 1 are also called

- a) Bytes b) Bits
- c) Kilobytes d) Decimal

31) The binary equivalent of decimal number 98 is

- a) 1110001 b) 1110100
- c) 1100010 d) 1111001

32) A device that converts from decimal to binary number is known as

- a) Instructor b) Decoder
- c) Converter d) Encoder

33) Which of the following is a binary number?

- a) 36 b) 10
- c) 29 d) 12

34) The base of Octal number system is

- a) 6 b) 2
- c) 12 d) 8

35) Base of hexadecimal number system is

- a) 2 b) 4
- c) 8 d) 16

36) ASCII stands for

- a) American Special Computer for Information Interaction
- b) American Standard Computer for Information Interchange
- c) American Special Code for Information Interchange





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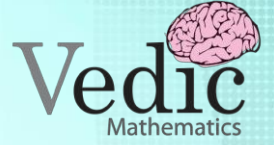
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d) American Standard Code for Information Interchange

37) The most widely used code that represents each character as a unique 8 bit code is

- a) ASCII b) UNICODE
c) BCD d) EBCDIC

38) Computer uses the _____ number system to store data and perform calculations.

- a) Binary b) Decimal
c) Octal d) Hexadecimal

39) Which of the following is not a positional number system?

- a) Roman Number System
b) Octal Number System
c) Binary Number System
d) Hexadecimal Number System

40) The value of radix in binary number system is

- a) 2 b) 8
c) 10 d) 1

41) The binary equivalent of the decimal number 10 is _____

- a) 0010 b) 10
c) 1010 d) 010

42) A computer language that is written in binary codes only is _____

- a) machine language b) C
c) C# d) pascal

43) The octal equivalent of 1100101.001010 is _____

- a) 624.12 b) 145.12
c) 154.12 d) 145.21

44) The input hexadecimal representation of 1110 is

- a) 0111 b) E
c) 15 d) 14

45) the binary equivalent 10101 to its decimal equivalent.

- a) 21 b) 12
c) 22 d) 31

47) Types of number systems are

- a) Binary Numbers b) Octal numbers
c) Both d) None

48) Types of number systems are

- a) Decimal Number System
b) Hexadecimal Number System
c) Both
d) None

49) In decimal numbers, base is 10 ranges from

- a) 0 to 1 b) 0 to 9
c) 1 - 8 d) All the above

50) In Hexadecimal numbers, base is 16 ranges from

- a) 0 to 9 and A to F b) 0 to 1
c) 0 to 9 d) None

