

2. What is keyword in C Language ?

Ans: Keywords are the words that have a predefined meaning. These can not be redefined by the programmer.

3. What are the rules of variable name ?

Ans:

1. The first character must be a letter or underscore.
2. It can consists of letters, digits and underscore.
3. Special symbols and blanks are not allowed.
4. Keywords or reserved words are not allowed

4. What type of data main() function returns?

Ans: int

5. Name three unary operators.

Ans: ++ , -- , sizeof

6. What is value of $15\%33$?

Ans: 15

7. Name two entry controlled loops.

Ans: while and for

8. What is identifier?

ans:

It is the name given to any program element like variable ,function etc.

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9. How many keywords are there in c Language?

ans: 32

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10. Is auto a keyword in c?

Ans: yes

11. When was c Language developed?

ans:

1972 at bell laboratories
of AT&T

12. What are features of c Language?

ans:

- Simple
- Fast speed
- Structured
- Extensible
- Middle Level Language

13. What is local variable?

A variable which is declared inside a function or block is known as local variable

14. What is global variable?

A variable which is declared outside a function or block is known as global variable

15. What is use of scanf() function?

ans:

This function is used for input. This is used to input integers, float, character and string.

16. What is use of printf() function?

This function is used for output. This is used to print integers, float, character and string on the screen.

17. What are the types of array?

It is of two types

1. One-dimensional Array.
2. Multidimensional Array.

18. What is pointer?

It is the variable which stores the address of a variable.

19. What is structure?

It is user defined data type. It is used to store multiple types of data.

20. What is union?

It is user defined data type. It is used to store multiple types of data.

21. Write relational operator in c?

<, >, <=, >=, ==, !=

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22. Which operator has lowest precedence in c?

,

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23. Name the ternary operator.

?:

25. What is typedef ?

It is used to create another name to existing type. For example

```
typedef int num;
```

26. What is an array?

It is collection of similar type of data having common name.

28. What is the difference between getch() and getche()?

Ans: both are used for input a character
but in case of getch() character is not
displayed on screen

29. What is difference between while and do while ?

while is entry controlled loop and do while is exit controlled loop.

If initially condition is false, do while statements will execute at least once.

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30. What are different mode to open a text file?

- 1.r
- 2 r+
- 3.w
- 4 w+
- 5. a
- 6 a+

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31. # include<conio.h>
conio stands for.....

Ans: console input output

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32. Is FILE a data type?

Ans: No. It is a structure. This structure is in stdio.h header file.

33. What is value of 1&2?

Ans:0

34. Define preprocessor.

Ans: It is directive and it gets executed before actual c program is executed.

For example #include<stdio.h>

35. Name different storage specifier in c.

static
extern
auto
register

36. Name bitwise operators in c.

&	AND
	OR
^	exclusive OR
~	One's complement
<<	Left shift
>>	Right shift

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37. Name real data types used in c.

float

double

long double

38. What is NULL pointer?

- ✓ It is the pointer which does not point to any memory location.
- ✓ It stores NULL value.

39. Which function is used to compare two strings?

strcmp()

40. Write the syntax to declare num as literal with value 25.

```
const int num=25;
```

41. What is void pointer?

This pointer has no data type. This pointer variable can store address of any data type.

For example void *vp;

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42. Name the operating system that is developed with c Language.?

Unix operating system •

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43. What is use of printf() function?

This function is used for output. This is used to print integers, float, character and string on the screen.

44. Which operators have right to left associativity?

1. Unary operator
2. Assignment operator
3. Conditional operator.

45. Which escape sequence is used for octal number?

\nnn

46. What data types in expression of switch statement allowed?

integer or character data type.

47. Which storage class has a scope of global variable?

extern

48. Which store less memory union or structure?

union

49. Which keyword is used to declare Boolean data type in c?

bool

For example bool num;

50. What is difference between call by value and call by reference?

Call by value	Call by reference
Value is passed	Address is passed
Actual parameters do not change	Actual parameters changed