CBCE Skill INDIA

Question Bank `1st Edition`

C Language

1. How do you declare a function that does not return any value in C?
 a) **void functionName();**   b) int functionName();
 c) functionName() void;   d) void return functionName();

2. How do you declare a function that returns an integer and takes two integer arguments in C?
 a) **int functionName(int a, int b);**   b) functionName int(int a, int b);
 c) int functionName(a, b);   d) int functionName();

3. How do you declare a two-dimensional array in C?
 a) **int arr[10][10];**   b) int arr(10)(10);
 c) int arr = {10, 10};   d) int arr;

4. What is the correct syntax for a while loop in C?
 a) while condition { }   b) **while (condition) { }**
 c) while condition: { }   d) while (condition) then { }

5. What is the file extension for a C source file?
 a) .cpp   b) .java   c) **.c**   d) .py

6. What is the output of the following code?
 a) 2   b) **1**   c) 5   d) 3

7. Which function is used to compare two strings in C?
 a) **strcmp()**   b) strcompare()   c) compare()   d) stringcmp()

8. Which function is used to concatenate two strings in C?
 a) **strcat()**   b) strconcat()   c) strcatstr()   d) join()

9. Which function is used to copy a string in C?
 a) **strcpy()**   b) strcat()   c) strcmp()   d) strcopy()

10. Which function is used to find the first occurrence of a character in a string in C?
 a) **strchr()**   b) strstr()   c) strfind()   d) strchar()

11. Which function is used to output data to the screen in C?
 a) scanf()   b) **printf()**   c) read()   d) write()

12. Which function is used to read input from the user in C?
 a) printf()   b) read()   c) **scanf()**   d) input()

13. Which header file is required to use the printf() function in C?
 a) stdlib.h   b) string.h   c) **stdio.h**   d) conio.h

14. Which keyword is used to create a new data type in C?
 a) **typedef**   b) define   c) struct   d) union

15. Which keyword is used to create a structure in C?

a) **Struct**   b) Structure   c) Record   d) Class

16. Which keyword is used to define a constant in C?
a) **const**   b) define   c) constant   d) static

17. Which keyword is used to return a value from a function in C?
a) **Return**   b) Exit   c) Break   d) End

18. Which of the following functions is used to find the length of a string in C?
a) **strlen()**   b) length()   c) strlength()   d) strsize()

19. Which of the following is a Logical Operator in C?
a) **&&**   b) &   c) ?   d) /

20. Which of the following is a valid array declaration in C?
a) **int arr[5] = {1, 2, 3, 4, 5};**   b) int arr = [1, 2, 3, 4, 5];
c) int arr(5) = {1, 2, 3, 4, 5};   d) int arr = {1, 2, 3, 4, 5};

21. Which of the following is a valid data type in C?
a) Integer   b) **Float**   c) Real   d) Number

22. Which of the following is the correct syntax to declare a string in C?
a) **char str[] = "Hello";**   b) string str = "Hello";
c) str char[] = "Hello";   d) str string = "Hello";

23. Which of the following is the correct syntax to declare a structure in C?
a) **struct data { int a; float b; };**   b) struct data { int a, float b };
c) struct { int a; float b; } data;   d) struct data { int a, float b };

24. Which of the following is the correct syntax to declare a typedef in C?
a) **typedef int myint;**   b) typedef myint int;
c) typedef = int myint;   d) typedef int = myint;

25. Which of the following is the correct syntax to declare a union in C?
a) **union data { int a; float b; };**   b) union data { int a, float b };
c) union { int a; float b; } data;   d) union data { int a, float b };

26. Which of the following is the correct way to declare a long integer variable in C?
a) long int num;   b) int long num;   c) long num;   d) **Both (a & c)**

27. Which of the following is the correct way to declare a short integer variable in C?
a) short int num;   b) int short num;   c) short num;   d) **Both (a & c)**

28. Which of the following is the correct way to define a macro that calculates the square of a number in C?
a) **#define SQUARE(x) ((x) * (x))**   b) #define SQUARE(x) (x * x)
c) #define SQUARE(x) (x^2)   d) #define SQUARE(x) (pow(x, 2))

29. Which of the following is used to allocate memory dynamically in C?
a) **malloc()**   b) memory()   c) allocate()   d) new()

30. Which of the following is used to comment a single line in C?
a) **//**   b) /*   c) !--   d) #

31. Which of the following is used to define a macro in C?

a) **#define**   b) const   c) static   d) typedef

32. Which of the following is used to terminate a loop in C?
a) terminate   b) end   c) **break**   d) exit

33. Which operator is used to access members of a structure in C?
a) **.**   b) ->   c) &   d) *

34. Which operator is used to access the address of a variable in C?
a) ->   b) *   c) .   d) **&**

35. Which operator is used to assign a value to a variable in C?
a) ==   b) **=**   c) :   d) :=

36. Who is the creator of the C programming language?
a) James Gosling   b) Bjarne Stroustrup
c) **Dennis Ritchie**   d) Guido van Rossum

Answer Key

1.**A** 2.**A** 3.**A** 4.**B** 5.**C** 6.**B** 7.**A** 8.**A** 9.**A** 10.**A** 11.**B** 12.**C** 13.**C** 14.**A** 15.**A** 16.**A** 17.**A** 18.**A** 19.**A** 20.**A** 21.**B** 22.**A** 23.**A** 24.**A** 25.**A** 26.**D** 27.**D** 28.**A** 29.**A** 30.**A** 31.**A** 32.**C** 33.**A** 34.**D** 35.**B** 36.**C**