Examination October 2020

B.Sc. S.Y (Sem-III)

2181 Computer Science Code - CS07 Advance C Programming

Time: One Hour   **Max. Marks: 25**

Instruction-:

Solve any 25 Questions from Q1 to Q30

1 Which of the following is a correct format for declaration of function?

(A)return-type function-name(argument type);   (B)return-type function-name(argument type){}   (C)return-type (argument type)function-name;   (D)all of the above

2 Which of the following can never be sent by call-by-value?

(A)Variable   (B)Array   (C)Structures   (D)Both Array and Structures

3 What is the maximum number of arguments that can be passed in a single function?

(A)127   (B)253   (C)361   (D)No limits in number of arguments

4 Which operator connects the structure name to its member name?

(A)−   (B)<-   (C)#   (D)Both <- and .

5 What is the default return type if it is not specified in function definition?

(A)void   (B)int   (C)double   (D)short int

6 The size of a union is determined by the size of the _____

(A)First member in the union   (B)Last member in the union   (C)Biggest member in the union   (D)Sum of the sizes of all members

7 type def declaration:

(A)Does not create a new type   (B)It merely adds a new name for some existing type.   (C)Both a & b   (D)None of the mentioned

8 What is the default return type if it is not specified in function definition?

(A)void   (B)int   (C)float   (D)short int

9 The default parameter passing mechanism is

(A)Call by value   (B)call by reference   (C)call by value result   (D)None

10 The operator used to get value at address stored in a pointer variable is

(A)*   (B)&   (C)&&   (D)||

11 A pointer variable can be

(A)Passed to a function   (B)Changed within a function   (C)Returned by a function   (D)Can be assigned an integer value

12 Which of the following storage classes have global visibility in C

(A)Auto   (B)External   (C)Static   (D)Register

13 What is the initial value of register storage class specifier?

(A)0   (B)Null   (C)Garbage   (D)Infinite

14 How many storage classes in C?

(A)2   (B)3   (C)4   (D)5

15 Value of static storage variable

(A)Changes during different function calls.   (B)persists between different function calls.   (C)Increases during different function calls.   (D)decreases during different function calls.

16 What will strumpet() function do?

(A)compares the first n characters of the object   (B)compares the string   (C)undefined function   (D)copies the string

17 If the two strings are identical, then strumpet() function returns

(A)-1   (B)1   (C)0   (D)Yes

18 atop() function is used for:

(A)convert ASCII character to integer value   (B)convert a character string to its equivalent integer value   (C)gets index value of character in an array   (D)converts an array of characters to array of equivalent integer

19 Which of the following can be used for random number generation?

(A)random   (B)rnd   (C)rndm   (D)none of the mentioned

20 What are the types of C Processor Directives.?

(A)Macros   (B)Conditional Compilation   (C)File Inclusion   (D)All the above

21 For binary files, a ___ must be appended to the mode string.

(A)"b"   (B)"B"   (C)"binary"   (D)"01"

22 Select a function which is used as a formatted output file function…

(A)print f   (B)offprint   (C)puts   (D)f puts

23 The f seek function

(A)needs 3 arguments   (B)makes the rewind function unnecessary   (C)is meant for checking whether a given file exists or not   (D)both (A) and (B)

24 What will the function rewind() do?

(A)Reposition the file pointer to a character reverse
(B)Reposition the file pointer stream to end of file
(C)Reposition the file pointer to beginning of that line
(D)Reposition the file pointer to beginning of file

25 What Argo means in command line argument?

(A)Array of pointers
(B)Pointer to a character array
(C)Array of character pointers
(D)Array of Strings

26 What object do you use to represent a file in C?

(A)FILE
(B)f open
(C)print f
(D)offprint

27 It is necessary to declare the type of a function in the calling program if the function

(A)Returns an integer
(B)Returns a non-integer value
(C)Is not defined in the same file
(D)None of these

28 Any C program

(A)must contain at least one function
(B)need not contain any function
(C)needs input data
(D)none of the above

29 Most appropriate sentence to describe unions is

(A)Union are like structures
(B)Union contain members of different data types which share the same storage area in memory
(C)Union are less frequently used in program
(D)Union are used for set operations

30 The abs() function computes the absolute value _____

(A)a floating number
(B)an integer number
(C)a double number
(D)all of the mentioned