

- Q.28 List any four benefits of pointers.

Q.29 Briefly explain the various modes in which file can be opened.

Q.30 What is the used of each of following.

 - a) Comma operator b) Return statement
 - c) Address operator d) Go to statement

Q.31 Write one use of structure. Also give three differences between array and structure.

Q.32 What is meant by formatted input and output.

Q.33 How do we initialize structures during declaration?
Give an example.

Q.34 Tell the purpose of switch statement.

Q.35 Write a program to find factorial of numbers.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Write short note on the following:-
a) Flowchart and its uses
b) Algorithms and its disadvantages.

Q.37 Describe with example the nested if statement.

Q.38 How function declaration differs from function definition? Write a ‘C’ program to show function calling by passing a value.

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Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 What are types of Functions in ‘C’ Language.”

 - a) Library Functions
 - b) User Defined Functions
 - c) Both Library and User Defined
 - d) None of the above

Q.2 Operator % in ‘C’ Language is called.?

 - a) Percentage Operator b) Quotient Operator
 - c) Modulus d) division

Q.3 Each statement in a ‘C’ program should end with.?

 - a) Semicolon ; b) Colon :
 - c) Period .(dot symbol) d) None of the above

Q.4 Loops in ‘C’ Language are implemented using.?

 - a) While Block b) For Block
 - c) Do While Block d) All the above

Q.5 How many values can a ‘C’ Function return at a time?

 - a) Only One Value
 - b) Maximum of two values

- c) Maximum of three values
d) Maximum of 8 values
- Q.6 Find the correct ‘C’ keyword below
a) Work b) Case
c) Breaker d) Permanent
- Q.7 Types of Integers are.?
a) Short b) Int
c) Long d) All the above
- Q.8 Types of real numbers in ‘C’ are?
a) Float b) Double
c) Long double d) All the above
- Q.9 A function which calls itself is called a _____ function.
a) SelfFunction b) Auto Function
c) Recursive Function d) Static Function
- Q.10 Choose correct statement about Functions in ‘C’ Language
a) A function is a group of ‘C’ statements which can be reused any number of times.
b) Every function has a return type.
c) Every Function may no may not return a value.
d) All the above.

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Name any one relational operator.

- Q.12 In ‘C’ upper and lower cases letter are same.
(True/False)
- Q.13 Give one example of syntax error.
- Q.14 What are relational operators.
- Q.15 How string is similar to arrays.
- Q.16 Name the loop that executes at least once.
- Q.17 Define library files.
- Q.18 What are multi dimensional arrays.
- Q.19 Write any two differences between call by value and call by reference.
- Q.20 An entire array is always passed by _____ to a called function.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 What are basic data types in ‘C’? Explain any two of them with examples.
- Q.22 Explain the difference between compilation and debugging.
- Q.23 Explain different components of function with suitable example.
- Q.24 Define function. Mention its uses while writing a program.
- Q.25 Write down any five limitations of flow charts.
- Q.26 What are various file input functions? Give their general syntax along with examples.
- Q.27 Describe with example the nested if statement.