

- Q.25 Define function and write four advantages of functions.
- Q.26 What is array? How it is declared?
- Q.27 Differentiate between printf and scanf.
- Q.28 Write a short note on loops in C.
- Q.29 What is difference between structure and union.
- Q.30 Differentiate between algorithm and flowchart.
- Q.31 Explain arithmetic operators in C language.
- Q.32 Explain switch statement with syntax and example.
- Q.33 What is pointer? Explain its benefits.
- Q.34 What do you mean by local and global variables.
- Q.35 How comments are written in C?

SECTION-D

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

- Q.36 What is data type? Explain all its types with examples.
- Q.37 Explain various operators available in C.
- Q.38 Write a program to add two matrices in C.

- Q.5 Array is
- a) Primary datatype
 - b) Secondary datatype
 - c) Registers
 - d) Cache memory
- Q.6 Flowchart is
- a) Graphical representation
 - b) Step by step process
 - c) Communicate with other computer peripherals
 - d) None of the above
- Q.7 Keywords are
- a) Reserved words
 - b) Graphical universal interface
 - c) Functions
 - d) Flowcharts
- Q.8 C is a _____
- a) High level language
 - b) Low level language
 - c) Middle level language
 - d) Machine level language
- Q.9 Which operator is used to find the remainder of two numbers in C?
- a) \
 - b) %
 - c) #
 - d) *
- Q.10 What is the output of 10/3
- a) 3
 - b) 1
 - c) 0
 - d) 4

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Roll No.

**2nd Sem / Comp
Subject:- Programming in C**

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 Who is the father of C language?

- a) Steve Jobs b) James Gosling
- c) Dennis Ritchie d) Rasmus Lerdorf

Q.2 All keywords in C are in _____

- a) Lower Case letters
- b) Upper Case letters
- c) Camel Case letters
- d) None of the mentioned

Q.3 When an algorithm is written in the form of a programming language, it becomes a _____.

- a) Flowchart b) Program
- c) Pseudocode d) Syntax

Q.4 Scanf() is a predefined function in ____ header file.

- a) stdlib.H b) ctype.h
- c) stdio.H d) stdarg.H

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SECTION-B

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

Q.11 In C Language 32 keywords are available. (True/False)

Q.12 The _____ symbol is used at the beginning of a flow chart.

Q.13 Symbol of address operator is _____ (& Or *)

Q.14 C is a case sensitive language (T/F)

Q.15 String is collection of numbers (T/F)

Q.16 Process of removing bugs is known as _____ (debugging/ Compilation).

Q.17 _____ is an input function in C. (Print/ Scanf)

Q.18 For is _____ (loop/String).

Q.19 PDLC stands for _____

Q.20 -- is a _____ operator (increment/ decrement).

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Write basic structure of C program.

Q.22 Explain while loop with example.

Q.23 Write a program to find factorial of 5.

Q.24 Differentiate between call by value and call by reference.

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