

- 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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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 PDL 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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