

No. of Printed Pages : 4
Roll No.

220833

3rd Sem / Branch : Computre, ECE
Sub.: Programming in C

Time : 3Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 What is the extension of a C file

- a) .html b) .class
- c) .c d) .java

Q.2 ++ is a _____ operator

- a) Arithmetic b) Unary
- c) Relational d) Logical

Q.3 In which year C was developed

- a) 1972 b) 1986
- c) 1995 d) 2001

Q.4 How many bytes of memory does a integer data type takes for storage.

- a) 2 b) 4
- c) 8 d) 16

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Q.5 Which symbol is used to assign a value to a variable

- a) . b) ;
- c) / d) =

Q.6 Every statement in C language should end with a

- a) Dot b) Comma
- c) Semicolon d) colon

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define Variable.

Q.8 Name any two Header files used in C.

Q.9 How Multi Line comments are written in C.

Q.10 Define Keywords.

Q.11 Define Recursion.

Q.12 Who developed C.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Explain various symbols used in flowchart.

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- Q.14 Explain various forms of IF statement.
- Q.15 Difference between while loop & do while loop.
- Q.16 Explain input & output statement used in C.
- Q.17 Define Function. Explain its types.
- Q.18 Define pointer. How it is declared.
- Q.19 Write an algorithm to find area of rectangle.
- Q.20 Define File. Explain in brief various operations that can be performed in a file.
- Q.21 Write a program to print factorial of a number.
- Q.22 Difference between structure & Union.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain various operators available in C.
- Q.24 Explain steps in development of a program.
- Q.25 Define Array. Explain its types. Write a program to read and print the elements of an array.