

No. of Printed Pages : 4
Roll No.

220833

3rd Sem /Computer, Computer (For Speech and Hearing Impaired), ECE, ECE (For Speech and Hearing Impaired)

Subject:- Programming in C

Time : 3Hrs.

M.M. : 60

SECTION-A

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

Q.1 In which year, C was developed

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

Q.2 Which symbol is used to assign a value to a variable

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

Q.3 Which of the following is not a C Keyword?

- a) if
- b) Switch
- c) Else
- d) Class

Q.4 Which operator is used to find the remainder of two numbers in C?

- a) \
- b) %
- c) #
- d) *

Q.5 When an algorithm is written in the form of a programming language, it becomes a

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

Q.6 Loops in C language are implemented using?

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

SECTION-B

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

Q.7 Array is _____ data type.

Q.8 Write full form of PDLC.

Q.9 A function written by a programmer is called user defined function. (True/false)

(1)

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(2)

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Q.10 A variable that is used to hold the memory address of another object is called _____

Q.11 If-else statement is used for decision making.
(True/false)

Q.12 _____ is an input function in C. (printf/scanf)

SECTION-C

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

Q.13 Define flowchart. Draw a flowchart to find larger among two numbers.

Q.14 Explain while loop with example.

Q.15 Differentiate between call by value and call by reference.

Q.16 Explain arithmetic operators in C language.

Q.17 What is pointer? Explain its benefits.

Q.18 List various modes of accessing files.

Q.19 Write an algorithm to multiply two numbers.

Q.20 Write the advantages of Structure over union.

Q.21 Explain different types of statements with example.

Q.22 What is function? Explain the need of function.

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 Define array. Explain its types. Write a program to read and print the elements of an array.

Q.25 What do you mean by loop constructs in C? Explain various loop constructs used in C with example.