

Reg. No. :

Name :

II Semester B.Sc. Degree (CCSS – Supple./Improv.) Examination, May 2015

CORE COURSE IN COMPUTER SCIENCE

2B01CSC : Advanced Programming in 'C'

(2013 & Earlier Adm.)

Time : 3 Hours

Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **four** questions is **1**.

- I. 1) The string always end with
 - a) \0
 - b) 0\
 - c) \
 - d) none of these
- 2) In C, if you pass an array as an argument to a function, what actually gets passed ?
 - a) Value of elements in array
 - b) First element of the array
 - c) Base address of the array
 - d) Address of the last element of array
- 3) If a storage class is not mentioned in the declaration then default storage class is
 - a) automatic
 - b) external
 - c) register
 - d) static
- 4) Which of the following is used to access the members of a structure ?
 - a) . (dot)
 - b) ' (apostrophe)
 - c) ; (semicolon)
 - d) , (comma)
- II. 5) Which one of the following operator is used to get the address of a variable ?
 - a) / operator
 - b) * operator
 - c) .dot operator
 - d) & operator

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- 22) Explain dynamic memory allocation.
- 23) Write a program to copy the contents of one file into another.
- 24) Explain various preprocessor directives. (5× 2=10)

SECTION – D

Answer **any one** question. Weightage 4.

- 25) Write a short note on :
 - a) Operations on pointers
 - b) Parameter passing techniques.
 - c) Multidimensional array.
 - d) Bit wise operations.
- 26) Write a program to add two matrices using pointers. (1× 4=4)

2) In C, if you pass an array as an argument to a function, what actually gets passed?

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3) If a storage class is not mentioned in the declaration then default storage class is

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- b) external
- c) register
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4) Which of the following is used to access the members of a structure ?

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