5/4/15



M 8721

yaamembalisoolisoylaugiyerg, a flocesia	(a) The luth or change the
Name :	Its of one file into anotherwise (a
Il Semester B.Sc. Degree (CCSS – S CORE COURSE IN 2B01CSC : Advance	Supple./Improv.) Examination, May 2015 COMPUTER SCIENCE ed Programming in 'C' Earlier Adm.)
Time: 3 Hours	Max. Weightage: 21
	TION – A vene ne at lenw (8) punch of four questions is 1 .
I. 1) The string always end with a) \0 c) \	b) 0\ d) none of these
 2) In C, if you pass an array as an apassed? 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 	argument to a function, what actually gets remove at tentw (e) notional ()things to xerve ent evið (a) secondera ebulanis to eau ent nislaxð (a) f array
class is	ed in the declaration then default storage be own eganged, another to the terminal and the storage b) external mangong a sinW (VI d) static

4) Which of the following is used to access the members of a structure?

a) . (dot)

a) / operator august grisu redmun s to la b) * operator august a einW (15

b) '(apostrophe) d) , (comma)

c) .dot operator

c); (semicolon)

d) & operator

M 8721





6)	The function used to	change the size of a	previously allocated memory
	block is a) malloc() c) realloc()	b)	calloc() none of these

7) The getw() function is used for 20 M 3 88000 8800

8) The argc in command line argument stands for ____ (2013 & Earlier Adm.)

 $(2 \times 1 = 2)$

SECTION-B

Answer any five questions. Weightage one each.

- 9) What is an array?
- 10) Explain the use of puts(). Wall to denud a roll equalities with another an item and a roll equalities of puts ().
- 11) What is an actual parameter?
- 12) Define union.
- 13) Give syntax of structure variable declaration.
- 14) What is a pointer?
- 15) Give the syntax of fprintf() function.
- 16) Explain the use of #include preprocessor.

 $(5 \times 1 = 5)$

SECTION-C

If a storage cass is not mentioned in the declaration then default storage Answer any 5 questions. Weightage two each.

- 17) Write a program to find the transpose of a square matrix.
- 18) What is a structure ? Discuss the similarity and differences of a structure as compared to an array.
- 19) List and explain various string handling functions.
- 20) Explain the structure of a function with suitable example.
- 21) Write a program to find factorial of a number using recursion.



M 8721

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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.

 $(5 \times 2 = 10)$

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.

 $(1 \times 4 = 4)$