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M 8721

Reg. No. :	6) The function used to change th
Name :	block is
II Semester B.Sc. Degree (CCSS – Sup CORE COURSE IN C	Ople./Improv.) Examination, May 2015 OMPUTER SCIENCE Programming in 'C' rlier Adm.)
Time : 3 Hours	Max. Weightage : 21 Begetreiew.anoitaeup evit vns rewanA ON – A S vans as aray ?
passed ? a) Value of elements in array b) First element of the array	d) none of these ument to a function, what actually gets
class is a) automatic which ensure a to ea	in the declaration then default storage b) external d) static
 4) Which of the following is used to act a) (dot) c) ; (semicolon) 	cess the members of a structure ? b) ' (apostrophe) d) , (comma)
	is used to get the address of a variable ? b) * operator d) & operator P.T.O.

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a) malloc()

and such a realloc() and a real of the second and a secon

7) The getw() function is used for ______

8) The argc in command line argument stands for _____ (2×1=2)

b) calloc()

SECTION-B

Answer any five questions. Weightage one each.

- 9) What is an array ?
- 10) Explain the use of puts(). Up to donud a tot apathole . anoite up its reward.
- 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.

(5×1=5)

SECTION - C

Answer any 5 questions. Weightage two each.

- 17) Write a program to find the transpose of a square matrix.
- 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. 1900 \ (s)

-2-

(5×2=10)

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

SECTION - D

5) Which one of the following operator is used to get the address of a variable ?

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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.

· a) (dot)

a) / operator

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26) Write a program to add two matrices using pointers.

 $(1 \times 4 = 4)$