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ame:	Answer any 5 questions. Each question carries a will
Second Semester B	Sc. Degree Examination, May 2010
COMP	UTER SCIENCE (Core)
Course No. 2 : 2 B01	CSC - Advanced Programming in C
2 Harried	Maximum Weighted Grade Point: 84
Time: 3 Hours	
to wer any I question Question	SECTION - A
Answer all questions. Weightage (Maximum weighted grade po	for a bunch of 4 questions is 1. int 1 (W) × 2 (bunch) × 4 (Max GP) = 8)
1. Group of characters are called	5. What is hit wise operators in C
2. Collection of homogeneous of	data items are called
3. A function of type void return	nsnumber of values to calling point.
4. A variation of structure in wh	nich at a time only one member value is stored is
called	
	ted memory can be freed usingfunction.
6. is indirecti	on operator in C.

7. argc is a term in _____ in C. Tomit synames going the sinw [1]



SECTION - B

Answer any 5 questions. Each question carries a weightage 1:

(Maximum weighted grade point 1 (W) \times 5 (Qn) \times 4 (Max GP) = 20)

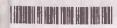
- 9. Define multi dimensional array in C.
- 10. What is use of stremp () in C?
- 11. Define function prototype.
- 12. What is array of structure in C?
- 13. What is a structure tag in C?
- 14. What is meant by dynamic allocation?
- 15. What is bit wise operators in C?
- 16. What is meant by command line arguments?

SECTION - C

Answer any 5 questions. Each question carries a weightage 2.

(Maximum weighted grade point 2 (W) \times 5 (Qn) \times 4 (Max GP) = 40)

- 17. Write a sample C program to declare and read 10 values into an integer array.
- 18. Write a C program check whether a string is palindrome or not.
- 19. Write a C program using recursive functions to generate series 0, 1, 1, 2, 3, 5, 8
- 20. Explain how an array can be passed to a function with an example.



- 21. Write a C program to create a structure that contains two integer and one string quantity, then enter values into it.
- 22. Write a C program to find largest in an integer array using pointers.
- 23. Write a sample program for command line arguments.
- 24. Write a C program to create a text file by entering data through key board.

SECTION - D

Answer any 1 question. Question carries a weightage 4:

(Maximum weighted grade point 4 (W) \times 1 (Qn) \times 4 (Max GP) = 16)

- 25. Write a C program to find sum and product of two matrices. Use functions to find sum and products.
- 26. Explain following with examples:
 - i) Scope of a variable in C
 - ii) Dynamic memory allocation
 - iii) Error handling in files
 - iv) Pre processor directives.