

[illegible]

9.
 - a) Using function Count(), write a program in C language to count the positive and negative numbers in an array of integers. (6)
 - b) Describe the syntax to declare and use a pointer variable. (2)
10.
 - a) What is an array? Explain the different types of arrays used in C language. (1+5)
 - b) Explain the purpose of using a pointer. (2)

UNIT-III

11. a) Explain the different string manipulation functions. (4)
b) Write a program in C language to search a number in an array using binary search. (4)
12. a) Write a program in C language to add two matrices A and B. (4)
b) What is a String? Write a program in C language to compare two strings. (1+3)

UNIT-IV

13. a) Write a program to read employee data from employee file calculate gross salary and write the data in the employee file. (5)
- b) Differentiate between array and structure. (3)
14. What is a Structure? Using an example explain the purpose of using files. (3+5)

SECTION-C

15. Use structures and files to discuss the processing of Supply Chain Management System of a manufacturing organization. (8)

SECTION-B

UNIT-I

7.
 - a) Using syntax explain the various types of operators available in C language. (5)
 - b) Write an algorithm to find minimum of 3 numbers. (3)
8.
 - a) Using syntax and flow chart, explain the functioning of iterative statements. (6)
 - b) Differentiate between printf() and scanf() (2)

Roll No.

Total No. of Pages : 02

Total No. of Questions : 15

MBA (2012 & Onward) (Sem.-3)
PROGRAMMING IN C

Subject Code : MBA-981

Paper ID : [C1175]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES:

1. SECTION-A contains SIX questions carrying FIVE marks each and students has to attempt any FOUR questions.
2. SECTION-B consists of FOUR Subsections : Units-I, II, III & IV. Each Subsection contains TWO questions each carrying EIGHT marks each and student has to attempt any ONE question from each Subsection.
3. SECTION-C is COMPULSORY and consists of ONE question carrying EIGHT marks.

SECTION-A

1. Explain the different data types available in C language.
2. What is a pre-processor?
3. Differentiate between variable and array using an example.
4. Using example explain selective control structures.
5. Explain the process of inserting an element in the beginning of a linear array
6. Describe the functions used for opening and closing a file.