

Roll No.

Total No. of Questions : 13]

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J-3740[S-1604]

[2037]

MBA (Semester - 3rd/4th)

PROGRAMMING IN C/C++ (MBA - 541)

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 x 2 = 30)

- a) What is difference between pseudo code and a flow chart?
- b) Define identifier? What are rules to write an identifier in C?
- c) What is difference between Actual arguments and formal arguments of a function?
- d) What are various types of operators in C language?
- e) What is the difference between break and continue statement?
- f) What is an Array? What is its advantage in programming?
- g) What is a structure? How it is different from a union?
- h) How can we use a pointer variable to access members of a structure?
- i) What do you mean by enumerated data type?
- j) What is difference between while and do...while statements?
- k) What are the features of C++ which were not supported in C?
- l) What is difference between an object and a class?
- m) What is the purpose of using destructors in a class?
- n) What is function overloading?
- o) What is a constructor?

P.T.O.

Section - B

(9 × 5 = 45)

- Q2)* What are various characteristics of an Object Oriented Programming?
- Q3)* Write syntax of various control statements in C.
- Q4)* Write a program to display name of day of a week corresponding to a number using switch statement.
- Q5)* Draw a flow chart to find roots of a quadratic equation.
- Q6)* Write a program to count the number of vowels in a character array.
- Q7)* What can be various types of errors in a program?
- Q8)* Write a program to swap values of two numbers using passing parameters by value and by reference.
- Q9)* Write a program to read and display contents of an array using pointer to array.
- Q10)* Write a program to overload the + operator to add contents of two structure variables.
- Q11)* What is a virtual function? Explain the use of virtual functions.
- Q12)* What is inheritance? What are its various types?
- Q13)* How do we read data from files and write data to files in C language?

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