

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 15

MBA (2012 & Onwards) (Sem.-4)

PROGRAMMING IN C++

Subject Code : MBA-986

Paper ID : [A2546]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A contains SIX questions carrying FIVE marks each and students has to attempt any FOUR questions.**
2. **SECTIONS-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 carrying EIGHT marks.**

SECTION-A

- Q1. What do you mean by header file?
- Q2. Explain the various control structure of C++.
- Q3. What is the pointer? Explain various advantages of pointer.
- Q4. What are function prototypes?
- Q5. What are the logical operators in C++ ? Explain.
- Q6. Explain the role of file iostream.h in C++.

SECTION-B

UNIT-I

- Q7. What is multiple inheritances? How it is realised in C++? Give suitable example.
- Q8. What is constructor and destructor? Explain their properties. Give example.

UNIT-II

- Q9. What is an array? Explain the various types of array. Write a program to arrange a list of elements in ascending order.
- Q10. What is Function? How functions are declared and defined in C++? With help of suitable examples define and distinguish between parameter passing by value, address and reference.

UNIT-III

- Q11. What is object oriented programming? Discuss the feature of object oriented programming with suitable example.
- Q12. What are the various control and conditional statements in C++?

UNIT-IV

- Q13. Explain the use of virtual and static functions. Give an example.
- Q14. What is polymorphism? What are its advantages? Explain how polymorphism is implemented in C++.

SECTION-C

- Q15. Write a short note on :
- a) Inline member functions
 - b) Binary File Operations.