Roll No.
MCA-11, M.Sc. (CA)-10
2nd Year Examination, Academic Batch -2018
Object Oriented Programming & C++

Time : 3 Hours]   *[Max. Marks : 100]*

*Note. Attempt any **Five** questions. All questions carry equal marks.*

Q.1. Explain the basic concept of Object Oriented Programming (OOPs)? How is it different from procedure oriented programming? Explain in detail.

Q.2 Explain about the history of C++ in detail? Give at least 10 basic differences between C++ and C
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Q.3. Explain in detail and write suitable program in C++ for each?
i. Inline function and
ii. Friend function

Q.4 What do you mean by structure and union, explain with their syntax? Write suitable program in C++ to create structure student, to carry the record stu_name, stu_class, stu_rollno, stu_marks.

Q5. What do you mean by Call-By-Value and Call-By-Reference? Write program in C++ for both to demonstrate their uses.

Q6. What do you mean by Constructor? Explain in detail with its different type.

Q7. What do you mean by Dynamic Memory Allocation? How you can use NEW and DELETE keyword for it?

Q8. What do you mean by Operator Overloading, explain with its characteristics? Write a simple program in C++ for overloading of Decrement Operator.