END TERM EXAMINATION

SECOND SEMESTER [MCA] MAY JUNE 2016

Note: Attempt any five questions including Q.No1 which is computed? Answer the following: (a) Write a brief history about C++. Explore its formulation applicability. (b) What is Object Oriented Programming (OOP)? (c) Explain briefly the features of OOP. (d) Differentiate between C and C++.	rks: 75 Isory.
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(b) What is meant by message passing and dynamic binding?	(7.5)
Q3 (a) What is Polymorphsim? Explain with an example.	(5)
(b) What are pointers? Explain their usage with an example.	(7.5)
Q4 (a) Define operators and their types.	(5)
(b) Elaborate constructors and destructors. Discuss their types.	(7.5)
Q5 (a) What are access modifier and scope resolution operator? Prov	ide an
example for each.	(7.5)
(b) Explain friend function quoting an example.	(5)
Q6 (a) Define Inheritance. Explore the types of inheritance.	(7.5)
What are the types of Polymorphism?	(5)
Q7 (a) Quote an example of input procedures in relevance to files.	(5)
(b) What are exceptions? Explain their management.	(7.5)
Q8 (a) What is generic programming?	(5)
(b) Elaborate classes, data structures, and functions in the v	
generic programming.	(7.5)
Q9 (a) Exemplify binary search using template function.	(7.5)
(b) Write short note on Standard Template Library (STL).	(5)
