Time: 2 Hours   Sub: Programming in c++   **Total Marks: 70**

Q-1 [a]	What is Constructor? Explain all types of constructors with example. Create any one program using constructor.	18
	Or	
Q-1 [a](i)	Define Inheritance, Polymorphisms, Encapsulation, and Abstraction.	9
Q-1 [a](ii)	Define Structure of C++ Programming.	9
Q-2 [a]	What is type conversation? Explain all types of 'type conversation' available in c++.	18
	Or	
Q-2 [a](i)	Explain Operator overloading using Friend function.	9
Q-2 [a](ii)	What is Binary Operator? Explain Binary Operator Overloading With Example.	9
Q-3 [a]	What is Inheritance? Explain any three types with example.	17
	Or	
Q-3 [a](i)	What is Polymorphism? Explain Compile time polymorphism.	9
Q-3 [a](ii)	What do you mean by virtual function? Explain with example.	8
Q-4 [a]	What is Exception handling? Explain try, catch and throw with example.	17
	Or	
Q-4 [a](i)	Explain command line argument with example.	9
Q-4 [a](ii)	Explain file stream class structure and operation.	8

નોંધ:

- પ્રશ્નપત્રનો સમય ૧.૩૦ કલાકનો રહેશે.

- પ્રશ્નપત્રમાં ૪ પ્રશ્નોમાંથી કોઇ પણ ત્રણ પ્રશ્નોના જવાબ આપવાનો રહેશે.

- દરેક પ્રશ્નના ગુણ એકસરખા (૧૪ માર્કના) રહેશે. પ્રશ્નપત્ર કુલ ૪૨ માર્કસ નું રહેશે.