Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

	BE - SEMESTER-IV (OLD) - EXAMINATION - SUMMER 2017	
ıbjec		06/2017
ibjec me: structi	ct Name: Object Oriented Concepts And Programming 10:30 AM to 01:00 PM Total Mations:  1. Attempt all questions. 2. Make suitable assumptions wherever necessary.	nrks: 70
(a) (b)	Explain Features of Object Oriented Programming Language. Explain different data types in C++.	07 07
(a) (b)	Explain the generalization and specialization with example.  Explain the friend function with example.  OR	07 07
<b>(b)</b>	Explain the inline function and default arguments with example.	07
(a) (b)	What is Constructor? Explain Parameterized Constructor with example. What is operator overloading? What are the rules for operator overloading.  OR	07 07
(a) (b)	What is Inheritance? Explain different types of Inheritance. Write a C++ program to find an average value of n integers stored in array.	07 07
(a) (b)	Explain Virtual function and abstract class with example. What is type conversion? Explain various type conversion with example.  OR	07 07
(a) (b)	What is object model? Explain it with example.  Draw the data-flow diagram for banking system.	07 07
(a) (b)	Explain function modeling with example.  Explain Data Flow Diagram with example.  OR	07 07
(a) (b)		07 07
	(a) (b) (b) (b) (b) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	BE - SEMESTER-IV (OLD) - EXAMINATION - SUMMER 2017 biject Code: 140704 Date: 12/6 biject Name: Object Oriented Concepts And Programming me: 10:30 AM to 01:00 PM Total Matericutions:  1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.  (a) Explain Features of Object Oriented Programming Language. (b) Explain different data types in C++.  (a) Explain the generalization and specialization with example.  (b) Explain the friend function with example.  OR  (b) Explain the inline function and default arguments with example.  (a) What is Constructor? Explain Parameterized Constructor with example.  (b) What is operator overloading? What are the rules for operator overloading.  OR  (a) What is Inheritance? Explain different types of Inheritance.  (b) Write a C++ program to find an average value of n integers stored in array.  (a) Explain Virtual function and abstract class with example.  (b) What is type conversion? Explain various type conversion with example.  OR  (a) What is object model? Explain it with example.  (b) Draw the data-flow diagram for banking system.  (a) Explain function modeling with example.  OR  (a) Explain Scope resolution operator and Memory management operator.

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