Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VIII (NEW) EXAMINATION – WINTER 2018

Subject Code: 2180714   **Date: 29/11/2018**
Subject Name: Ios Programming
Time: 02:30 PM TO 05:00 PM   **Total Marks: 70**
Instructions:
1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

			MARKS
Q.1	(a)	Justify need of Transformation from objective C to Swift.	03
	(b)	Explain Essential COCOA Touch classes.	04
	(c)	What is Framework? Explain MVC framework with example.	07
Q.2	(a)	How to read PDF file in iphone simulator?	03
	(b)	Explain why Mutable and Immutable objects are variants?	04
	(c)	Explain Life Cycle of an iOS Application.	07
		OR	
	(c)	Enlist and Explain all the features of iOS 7 and iOS 8.	07
Q.3	(a)	Explain Core Service Layer.	03
	(b)	What is File management?	04
	(c)	Explain how to create outlets in interface builder with example.	07
		OR	
Q.3	(a)	Explain Core OS Layer.	03
	(b)	Explain method overloading with example.	04
	(c)	Explain how to achieve memory management in iOS with example.	07
Q.4	(a)	Explain Berkeley Sockets.	03
	(b)	Describe X code Assistant editor with suitable example.	04
	(c)	Explain NSString NSMutableString, NSArray and NSMutableArray in detail with suitable example.	07
		OR	
Q.4	(a)	Explain CF Socket.	03
	(b)	How to store files securely in the App sandbox?	04
	(c)	Define UINavigationController. How do you navigate to another view? Explain briefly with example.	07
Q.5	(a)	Explain Alter view and Table view with the help of example.	03
	(b)	Give main features of Alamo Fires.	04
	(c)	What is Parsing?Explain JSON parsing with suitable example.	07
		OR	
Q.5	(a)	Explain Date and Time Picker with the help of example.	03
	(b)	Compare Notifications and Delegates.	04
	(c)	Explain MAC OS Architecture and its features.	07

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