

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER–VIII (NEW) EXAMINATION – WINTER 2017****Subject Code: 2180714****Date: 07/11/2017****Subject Name: iOS Programming(Departmental Elective - III)****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) Explain Essential COCOA Touch Class.	03
	(b) Describe MVC Framework.	04
	(c) What is Parsing? Explain XML Parsing and JSON parsing with example.	07
Q.2	(a) Explain the main features & Technologies of COCOA Touch.	03
	(b) How to achieve memory Management in iOS ?	04
	(c) Explain MVC Framework by giving proper example.	07
	OR	
Q.3	(c) Explain the features of iOS7 and iOS 8.	07
	(a) Explain Core OS layer.	03
	(b) Explain how to create outlets in interface builder with example.	04
	(c) Give code to create a simple Table view Application in iOS.	07
	OR	
Q.3	(a) Explain iPhone Hardware.	03
	(b) Describe Core services Layer.	04
	(c) Explain NSString,NSMutableString,NSArray and NSMutableArray Array in details with suitable example.	07
Q.4	(a) Explain Berkeley Sockets.	03
	(b) Explain CFSocket.	04
	(c) What is object Mutability? Explain why Mutable and Immutable objects are Variants?	07
	OR	
Q.4	(a) How to storing files Securely in the App sandbox?	03
	(b) Explain base objective of C & C++ .	04
	(c) How to Read PDF file in iPhone simulator? Explain with Code.	07
Q.5	(a) Explain date and time picker with help of example.	03
	(b) Describe Autorelease Pools.	04
	(c) Explain MAC OS Architecture and its features.	07
	OR	
Q.5	(a) Explain Deallocation with Example.	03
	(b) Describe X code Assistant editor with suitable example.	04
	(c) Define UINavigationController.How do you navigate to another view? Explain briefly with example.	07
