

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII (NEW) - EXAMINATION – SUMMER 2018

Subject Code: 2180714

Date: 07/05/2018

Subject Name: iOS Programming(Departmental Elective - III)

Time: 10:30 AM to 01:00 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) Why don't we need an outlet for the Save/Cancel button? And what about Interface Builder?	03
	(b) 1. How does Xcode actually build an application? 2. Explain @interface and @implementation.	04
	(c) Explain iPhone Architecture with example.	07
Q.2	(a) Write difference between C vs Objective C	03
	(b) Write difference between Mutable and Immutable with example.	04
	(c) What is enumeration in swift? Explain with example	07
	OR	
	(c) Explain features of iOS 9.	07
Q.3	(a) What is file management?	03
	(b) Explain method overloading with example.	04
	(c) How to display text and images in the rows of the table view? Explain with code.	07
	OR	
Q.3	(a) Explain iPhone Hardware.	03
	(b) How to Read PDF file in iPhone simulator?	04
	(c) Explain date and time picker with help of example.	07
Q.4	(a) How to storing files Securely in the App sandbox?	03
	(b) Describe X code Assistant editor with suitable example.	04
	(c) Explain and compare - Notifications and Delegates.	07
	OR	
Q.4	(a) What is view?	03
	(b) Explain alert views, table views, map view.	04
	(c) What is navigation based application development. Explain with example	07
Q.5	(a) Why Alamo fire is used in iOS application development?	03
	(b) Give main features of Alamo fire.	04
	(c) Explain CFSocket and Berkeley Sockets in detail.	07
	OR	
Q.5	(a) What is SQLite?	03
	(b) Explain how to create outlets in interface builder with example.	04
	(c) What is Parsing? Explain JSON parsing with suitable example.	07
