GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER– VIII (New) EXAMINATION – WINTER 2019

Subject Code: 2180714   **Date: 29/11/2019**

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)	Explain Essential COCOA Touch Class.	03
	(b)	Explain Life Cycle of an iOS Application.	04
	(c)	Explain iPhone Architecture in detail	07
Q.2	(a)	Explain the main features & Technologies of COCOA Touch.	03
	(b)	Write difference between C vs Objective C	04
	(c)	Explain features of iOS 9	07
		OR	
	(c)	How to achieve memory Management in iOS ?	07
Q.3	(a)	What is file management?	03
	(b)	Explain MVC Framework by giving proper example.	04
	(c)	Enlist all features of latest iOS.	07
		OR	
Q.3	(a)	Explain iPhone Hardware	03
	(b)	Explain base objective of C & C++.	04
	(c)	How to display text and images in the rows of the table view? Explain with code.	07
Q.4	(a)	Explain CFSocket and Berkeley Sockets in detail.	03
	(b)	Explain alert views, table views, map view.	04
	(c)	What is navigation based application development. Explain with example	07
		OR	
Q.4	(a)	What is view?	03
	(b)	How to Read PDF file in iPhone simulator? Explain with Code.	04
	(c)	What is object Mutability? Explain why Mutable and Immutable objects are Variants?	07
Q.5	(a)	Define Alamo fire how it is used in iOS application development?	03
	(b)	Explain MAC OS Architecture and its features.	04
	(c)	How to Reading PDF File in iPhone Simulator? Explain with code in swift.	07
		OR	
Q.5	(a)	What is XML Parsing	03
	(b)	Give main features of Alamo fire.	04
	(c)	What is JSON? Explain JSON parsing with example	07

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