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GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VIII(NEW) EXAMINATION – SUMMER 2019

Subject Code:2180714   Date:17/05/2019
Subject Name:Ios Programming
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)**	Write difference between C and Objective C.	03
	(b)	Describe MVC Framework.	04
	(c)	Explain iPhone Architecture in detail.	07
Q.2	**(a)**	Explain and compare - Outlets and Actions.	03
	(b)	Explain and compare - Notifications and Delegates.	04
	(c)	Explain the features of iOS 10.	07
		OR	
	(c)	What is Array and Dictionary in swift? Explain with example.	07
Q.3	**(a)**	Explain how to create outlets in interface builder with example.	03
	(b)	Explain date and time picker with help of simple example.	04
	(c)	Explain UIGesture Recognizer in detail.	07
		OR	
Q.3	**(a)**	How to achieve memory Management in iOS ?	03
	(b)	How to Read PDF file in iPhone simulator?	04
	(c)	Give code to create a simple Collection View application in iOS using swift.	07
Q.4	**(a)**	What is page controller ?	03
	(b)	Explain Slider and Switch controls.	04
	(c)	Define UINavigationController. How do you navigate to another view? Explain briefly with example.	07
		OR	
Q.4	**(a)**	What is view?	03
	(b)	Explain alert views, table views, map view.	04
	(c)	Explain CFSocket and Berkeley Sockets in detail.	07
Q.5	**(a)**	Explain watch os.	03
	(b)	Write a program in swift to check the string is palindrome or not.	04
	(c)	What is Parsing? explain XML parsing and JSON parsing with example.	07
		OR	
Q.5	**(a)**	Explain Progress View.	03
	(b)	Write a program in swift to check the number is prime or not.	04
	(c)	Why Alamo fire is used in iOS application development? Give main features of Alamo fire.	07

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