Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E –IIst SEMESTER–EXAMINATION – JULY- 2012

Subject code: 725304 **Date: 04/07/2012**

Subject Name: Advanced programming on mobile devices-1

Time: 10:30 am – 13:00 pm **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	What is mirrored Development in iPhone Application development context. Compare it with Mixed development	**07**
	(b)	Discuss and Explain the iPhone Core specification	**07**
Q.2	**(a)**	What is Dashcode? Explain the anatomy of Dashcode & develop sample Dashcode program with browser template using list based navigation controller	**07**
	(b)	What is Orientation? And Develop sample program for setting up gauge based orientation.	**07**
		OR	
	(b)	Explain the iPhone Simulator and built-in debugger with sample example exploration	**07**
Q.3	**(a)**	Explain various Firebug Console methods for JavaScript debugging in iPhone Application debugging	**07**
	(b)	Explain the WebKit library with sample example fragments using webKit library call	**07**
		OR	
Q.3	**(a)**	Develop any Sample iUI for iPhone application showing usage of iPhone Input & Output	**07**
	(b)	Show How to capture iPhone Events with Example Code	**07**
Q.4	**(a)**	List out xCode Framework classes and show the usage of application delegate class in xCode Program fragment	**07**
	(b)	Explain UIControl & UIResponder class and devlop sample example using either of it and show iPhone Actions	**07**
		OR	
Q.4	**(a)**	Develop simple Temperature Conversion iPhone Application having C to F and F to C Conversion Buttons	**07**
Q.4	**(b)**	Explain various Touch Actions and show them in Interface Builder palate	**07**
Q.5	**(a)**	Explain How to setup Interface Builder and show collection of methods report touches in UIViews	**07**
	(b)	How Profiling is achieved in iPhone?	**07**
		OR	
Q.5	**(a)**	Using CSS transform Transition develop sample iPhone Animation Application Image Rotation	**07**
	(b)	Write down basic Object oriented facilities in iPhone and develop Sample OOP iPhone Application using Object Based Framework	**07**

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