

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 develop 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**
