Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER- II(New course) • EXAMINATION (Remedial) - WINTER- 2015

Subject Code:3725304 Date: 11/12/2015 Subject Name: Advanced Programming on Mobile Devices – I Time: 2:30 pm to 5:00 pm **Total Marks: 70 Instructions:** 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. 0.1 Explain iPhone Architecture with example. **07** (a) Explain life cycle of view controller 07 Explain OpenGL and How it Works? **Q.2** 07 (a) Explain the touch methods of UIView. **07** (b) **(b)** Explain Bonjour Programming with example. 07 **Q.3** Explain the basic steps to deploy an iOS application on App-Store. 07 (a) What is the difference between assign and retain keyword? 07 **(b)** 0.3 Explain "Protocol" in objective C with example. 07 (a) Explain the following terms in detail: (i) Apple URL Scheme (ii) SqLite 07 How to Reading PDF File in iPhone Simulator? Explain with Example **07 Q.4** (a) Explain multithreading on iPhone OS. **07 (b)** OR 0.4 How to achieve memory management in iOS? explain with example 07 (a) What is Dash code? How to Build web apps with Dash code? Give example. **07 (b)** 0.5 How to set splash screen in iOS application? 07 (a) **(b)** Give code to create a simple Table View application in iOS. 07

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Explain COCOA and COCOA Touch class. And give the differences among

Implement the table view controller usingstoryboard.

Table view should display information about the GTU courses.

0.5

(a)

them.

07

**07**