

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – II • EXAMINATION – WINTER • 2014

Subject code: 2725304

Date: 29-11-2014

Subject Name: Advanced Programming on Mobile Devices–I

Time: 02:30 pm - 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.**

Q. No. 1

- a. Explain the protocol that your delegate needs to conform to the use of accelerometer on your iPhone. [7 Marks]
- b. Define MapKit framework. How can you display location using MapKit? Explain in detail. [7 Marks]

Q. No. 2

- a. Explain UIImagePickerController in detail. [7 Marks]
 - b. Explain process of displaying, adding & removing the details of contacts in iPhone with example. [7 Marks]
- OR**
- b. Write the code segments to retrieve a set of rows from a table. [7 Marks]

Q. No. 3

- a. Define UINavigationController. How do you navigate to another view? Explain briefly with example. [7 Marks]
- b. How do you manually add Table view to a View and write the data source and delegate to your View Controller? [7 Marks]

OR

Q. No. 3

- a. How to handle the various events in the Table view to populate it with items? [7 Marks]
- b. How to display text and images in the rows of the table view? [7 Marks]

Q. No. 4

- a. Write a snippet to perform the following functionality in table View: [8 Marks]
 - I. Add indexing to the table view
 - II. Add Search Capabilities
- b. How do you hide the keyboard for a UITextField Object? [6 Marks]

OR

Q. No. 4

- a. Explain Facebook request delegate methods. Show through syntax. [7 Marks]
- b. Explain Objective C message passing syntax with examples. [7 Marks]

Q. No. 5

- a. Explain IBAction in detail. [7 Marks]
- b. Explain UIView Animation in detail. [7 Marks]

OR

Q. No. 5

- a. Define Plist and NSUserDefaults. Explain them in detail. [7 Marks]
- b. Explain about touchesMoved method of UIResponder with the help of syntax. [7 Marks]
