

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VIII EXAMINATION – WINTER 2015

Subject Code: 180707

Date: 12/12/2015

Subject Name: iOS PROGRAMMING

Time: 2:30pm to 5:00pm

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 Object Oriented Programming? Provide a list of major difference between Objective C and C++. **07**
(b) Explain .h and .m file in Objective C with suitable Example. **07**
- Q.2** (a) Explain iPhone Architecture in detail. **07**
(b) Explain NSString , NSMutableString, NSArray and NSMutableArray in details with suitable example. **07**
- OR**
- (b) What is inheritance? Explain with Objective C program. **07**
- Q.3** (a) Explain COCOA touch class in detail. **07**
(b) Explain Following terms: **07**
(i) alloc (ii) init (iii) release (iv) autorelease pool
- OR**
- Q.3** (a) Explain Method Overloading with help of Objective C program. **07**
(b) List out methods of AppDelegate.m file. Explain any three. **07**
- Q.4** (a) Explain alert views with help of example. **07**
(b) How to display text and images in the rows of the table view? Explain with code. **07**
- OR**
- Q.4** (a) Explain date and time picker with help of example. **07**
(b) Define UINavigationController. How do you navigate to another view? Explain briefly with example. **07**
- Q.5** (a) Explain Email Sending with help of example. **07**
(b) What is Parsing? Explain XML parsing and JSON parsing with example. **07**
- OR**
- Q.5** (a) What is SQLite? Provide a detail list of steps for creating the database and table using SQLite program. **07**
(b) How to Reading PDF File in iPhone Simulator? Explain with code. **07**
