

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE – SEMESTER–VIII • EXAMINATION – SUMMER • 2014**

**Subject Code: 180707****Date: 27-05-2014****Subject Name: iOS Programming****Time: 10:30 am - 01:00 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 the difference between Inheritance and polymorphism ? explain with example. **07**  
(b) Explain iPhone Architecture with example. **07**
- Q.2** (a) What is Framework? Explain COCOA and MVC framework. **07**  
(b) What is file management ? explain with an example. **07**
- OR**
- (b) Explain essentiality of COCOA touch class. **07**
- Q.3** (a) How to Reading PDF File in iPhone Simulator? Explain with code. **07**  
(b) What is method ? Explain method overloading with example. **07**
- OR**
- Q.3** (a) What is Object Mutability. Explain why Mutable and Immutable Objects are Variants? **07**  
(b) What is SQLite ? Explain how to create outlets in interface builder with example **07**
- Q.4** (a) What is Parsing ? explain XML parsing and JSON parsing with example. **07**  
(b) What is navigation based application development. Explain with example **07**
- OR**
- Q.4** (a) What is view ? explain alert views ,table views, picker ,date and time. **07**  
(b) What is web services ? how it integrates and implements in iOS programming? **07**
- Q.5** (a) Explain COCOA and COCOA Touch class. And give the differences among them. **07**  
(b) Create a Simple Table View Application. **07**
- OR**
- Q.5** (a) How to achieve memory management in iOS ? explain with example **07**  
(b) How to Add Splash Screen in Your iOS Application. **07**

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