

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER- VIII • EXAMINATION – SUMMER 2015

Subject Code: 180707

Date: 05/05/2015

Subject Name: IOS Programming (Department Elective - II)

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) Explain the basic architecture and features of the MAC OS. **07**
(b) What is framework? Explain COCOA framework. **07**
- Q.2** (a) Explain “Protocol” in objective C with example. **07**
(b) Explain the MVC architecture. **07**
- OR**
- (b) Explain push notification with example. **07**
- Q.3** (a) Explain .xib, .H and .M with appropriate examples. **07**
(b) Explain the iOS architecture. **07**
- OR**
- Q.3** (a) Explain the features of ios 7 and ios 8. **07**
(b) What is storyboard? Explain in detail. **07**
- Q.4** (a) Explain and compare - Notifications and Delegates. **07**
(b) Explain the basic steps to deploy an iOS application on App-Store. **07**
- OR**
- Q.4** (a) What is the difference between assign and retain keyword? **07**
(b) Explain the following terms in detail: (i) Swift (ii) SQLite **07**
- Q.5** (a) Enlist the various methods to support gesture control in iOS application. **07**
(b) Explain JSON parsing with example. **07**
- OR**
- Q.5** (a) Give code to create a simple Table View application in iOS. **07**
(b) How to set splash screen in iOS application? **07**
