

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA Integrated - SEMESTER- VIII • EXAMINATION – WINTER 2019

Subject Code: 4480609**Date: 22/11/2019****Subject Name: IOS****Time: 02.30 pm to 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.1 (a) Do as directed.**
- i) Explain Terms (Any Two) : XCode, segues, popovers **04**
- ii) Which property is used to make the button invisible in the storyboard? **01**
- iii) Which property is used to hide grouping headers in a table view? **01**
- iv) What is used as screen units in iOS? **01**
- (b) Explain steps to create “Hello world” IOS Application. 07**
- Q.2 (a) What is app publishing? Discuss various steps required to successfully publish an app. 07**
- (b) Discuss various important properties of text field. 07**
- OR**
- (b) Compare alerts, actions and outlets. 07**
- Q.3 (a) List various advanced user controls. Explain anyone using example. 07**
- (b) i) Compare double picker and dependent picker. 04**
- ii) What is swift in IOS ? 03**
- OR**
- Q.3 (a) Discuss various methods used to give important information to user using alert. 07**
- (b) i) How to implement date picker in IOS application? 04**
- ii) What is iOS simulator? 03**
- Q.4 (a) How to add navigation controller in storyboards? 07**
- (b) Explain how XCode implements Model-View-Controller design pattern. 07**
- OR**
- Q.4 (a) How to build responsive user interface? 07**
- (b) Explain how to create storyboards and views for IOS apps using suitable example. 07**
- Q.5 (a) Explain how to read address book data from file in IOS (address book file format: Name, Address Line 1, Line 2, City, State, Country, Pincode). 07**
- (b) What is function? How to implement functions in IOS application. 07**
- OR**
- Q.5 (a) Explain how to save Contact data (Contact Number, Name, email address) into file in IOS. 07**
- (b) Discuss steps to integrate email service with IOS application. 07**
