

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA Integrated - SEMESTER-VIII EXAMINATION – WINTER 2018

Subject Code: 4480609**Date: 27/11/2018****Subject Name: IOS****Time: 02.30 pm to 5.00 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)** Answer in ONE word the following **07**
1. Which library is used to add objects to a scene?
 2. What is the value for the second segment in the segmented control?
 3. Name the inspector connecting a custom class to a scene controller?
 4. What is the point size for tab icons?
 5. Name the navigator displaying all connections on a scene?
 6. Name the file type used to store user defaults.
 7. What is required prior to using location in iOS?
- (b)** State TRUE or FALSE with justification. **07**
1. Manual segue is the default segue used with navigation controller.
 2. Interface builder cannot be used to create scenes on storyboard.
 3. The keyword *var* is used to create a constant.
 4. Method returning nil are referred as compulsory.
 5. all errors in the source code are displayed by Object library.
 6. iOS uses pixels as screen units.
 7. RED color is used by positive button of alert box.
- Q.2 (a)** Write the steps to publish an app on apple store account. **07**
- (b)** Define the significance of tab bar controller. How can we embed a new scene in a tab bar controller? **07**
- OR**
- (b)** Differentiate between Alert and Action sheet. **07**
- Q.3 (a)** When picker can be used? Differentiate between double picker and dependent picker. **07**
- (b)** List the steps of inserting and fetching values using core data. When should core data be used for storage purpose? **07**
- OR**
- Q.3 (a)** Explain how can one achieve year, month and date selection from a picker. **07**
- (b)** List the steps of store and fetch data in local files of an application. When should one prefer to store data in files. **07**
- Q.4 (a)** List various steps to iterate on any collection. **07**
- (b)** List the steps to display an action sheet. Also describe the procedure to handle actions generated by options of an action sheet. **07**
- OR**
- Q.4 (a)** Explain how to define a function with return type using suitable example. **07**
- (b)** List the steps to display an alert dialog. Also describe the procedure to handle actions generated by options of an alert dialog. **07**
- Q.5 (a)** Which property/method can be used to have grouping headers in a table view? Is indexing possible without grouping headers? Name the data source and delegate classes for table view. **07**

- (b) From the view controller class, which action helps to respond to the click of the button? Which property needs a change to make the button invisible in the storyboard? **07**

OR

- Q.5** (a) Differentiate between outlets and actions. Which editor connects objects from interface builder to code. **07**
- (b) Which property of text box is used to display hint in a text box? How do we have auto correction, automatic capitalization and secured input in text box? **07**
