

M.Sc. I.T. (Sem.-2) (Mobile Application) Examination

MSCMA

Basic iPhone Application Development

April 2019

Time : 2-30 Hours]

[Max. Marks : 70

Instructions:

1. Figures to the right indicates full marks
2. Neat diagrams must be drawn wherever necessary.
3. Each question carries 7 marks.

Q.1)

- A) Explain UITextField and its delegate methods (7)
OR
- A) Explain UIViewController LifeCycle.
B) Explain AppDelegate LifeCycle. (7)
OR
- B) Explain XCode

Q.2)

- A) List down difference between Struct and Class and also write down example. (7)
OR
- A) Explain iOS architecture.
B) Draw screen and write down program
Add, Sub, Multiple & Divide two int number and show result in result textfield. (7)
OR
- B) Draw screen and write down program
Define array of Student
Student consist of RNo, Fname, Lname, Age, Gender and Sem

Q.3)

- A) Explain UITableView with delegate and datasource methods. (7)
OR
- A) Explain UIScrollView with its delegate methods
B) Explain UICollectionView with delegate and datasource methods (7)
OR
- B) Explain UINavigationController

Q.4)

(14)

1. Write down four methods of Array.
2. What is Dictionary in Swift?
3. Add a UITextField and UILabel to ViewController with the help of coding.
4. Write down the controller that inherits UIScrollView.
5. Write down the controller that inherits UIScrollView.
6. Write any four attributes of UITextField
7. Explain extension

Q.5) Answer for Following.

(14)

1. _____ is the root class of most Objective-C class hierarchies.
2. Foundation Framework belongs _____ layer
3. _____ is the root class of most Swift class hierarchies.
4. Shortcut to build the iOS application
5. Which is the first method called when application is loaded
6. Which is the first method called when view controller is loaded.
7. Write method to hide Keyboard from screen
8. UIScrollView is a _____ type of view.
9. let declared variable can be change after declaring (True/False)
10. iOS Architecture is _____ Architecture.
11. Console output can be viewed in _____ area
12. _____ attribute is use to assign text to UILabel.
13. Struct is a _____ type.
14. Classes is a _____ type.

[ALL THE BEST]