

2211000608030001
EXAMINATION MARCH-APRIL 2024
MASTER OF SCIENCE (IT) (EIGHTH SEMESTER)
SMART DEVICE COMPUTING USING IOS-LEVEL 3

[Time: As Per Schedule]

[Max. Marks:70]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **MASTER OF SCIENCE (IT) (EIGHTH SEMESTER)**
- b. Name of the Subject : **SMART DEVICE COMPUTING USING IOS-LEVEL 3**
- c. Subject Code No : **2211000608030001**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.
5. Do as directed

Seat No:

--	--	--	--	--	--

Student's Signature

Q.1 Answer the following question in short: (Any Four)

16

1. What is Property List? How to create your own property list?
2. Explain about string interpolation and init () in Swift.
3. Write steps to implement UIPickerView.
4. Explain about the features of SQLite.
5. What is segue? How to use it for data transmission between View Controllers.

Q.2 Answer the following: (Any three)

18

1. Explain about iOS architecture in detail.
2. Explain application life cycle in detail.
3. What are Gestures? Explain about any three types of Gestures.
4. What is the purpose of Map Kit View Framework? Explain about Annotations and Call outs.

Q.3 Answer the following: (Any three)

18

1. Write a note on Alert Controller and its types.
2. Explain about dynamic TableViewController with an example.
3. Explain UIScrollView and UICollectionView with example.
4. Write steps to publishing an app to the AppStore.

Q.4 Answer the following: (Any three)

18

1. Write a note on Alert Controller and its types.
2. Differentiate Protocols and Extensions. Explain each one with an example.
3. What is JSON? Explain JSON Parsing with an example.
4. What is the purpose of Core Location Framework? Explain about Geocoding and Reverse Geocoding.
