

2111040102050002
EXAMINATION MARCH-APRIL 2024
MASTER OF COMPUTER APPLICATION
(SECOND SEMESTER)
IOS DEVELOPMENT USING SWIFT (COURSE-205)
- LEVEL 5

[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 COMPUTER APPLICATION (SECOND SEMESTER)**
 - b. Name of the Subject : **IOS DEVELOPMENT USING SWIFT (COURSE-205) -LEVEL 5**
 - c. Subject Code No : **2111040102050002**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

- Q.1 Answer the following: 14**
- A. What are the most important application delegate methods a developer should handle? 7

OR

Discuss the MVC architecture pattern as it specifically relates to iOS app Design. What comprises each part of the pattern?

- B. What is info.plist? Explain about its importance in iOS application Development. 5
- C. Explain about View Controller in brief. 2

Q.2 Answer the following:	14
A. Differentiate functions and closures. Explain each one with example.	7
OR	
Explain class and structure in Swift with example.	
B. Explain about Error Handling in Swift with example.	5
C. Explain about for... in control flow in Swift with example.	2
Q.3 Answer the following:	14
A. What are Gestures? Explain about Working of different types of Gestures With appropriate example.	7
OR	
Write a note on Alert Controller and its Types	
B. Explain about UICollectionView with appropriate example.	5
C. Define @IBAction and @, IBOutlet.	2
Q.4 Answer the following:	14
A. Explain about important functions used to implement SQLite operations in Swift.	7
B. Explain about read and write operations of file with example.	5
C. What are UserDefaults in swift?	2
Q.5 Answer the following:	14
A. Write steps to publish app to AppStore.	7
B. Explain about geocoding and reverse geocoding with appropriate example.	5

OR

Explain about how to use Annotation on Map Kit View.

C. How to use Core Motion to read Accelerometer data?

2
