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RAN-2111040102050002

MCA (Sem. - II) Examination April - 2025

iOS Development using Swift (Paper : 205)

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MCA (Sem. - II)

Name of the Subject :

iOS Development using Swift (Paper : 205)

Subject Code No.: **2111040102050002**

Seat No.:

Student's Signature

Q.1 Answer following: 14

A. What are the most important application life cycle methods a developer should handle? 7

OR

What are the most important View Controller life cycle methods a developer should handle?

B. What is storyboard? Explain about different types of inspector available XCode IDE. 5

C. Explain in brief about UIKit Framework. 2

Q.2 Answer the following: 14

A. Differentiate functions and closures. Explain each one with example. 7

OR

Explain different types of initializers for class with example.

B. Explain about switch case in Swift with appropriate example. 5

C. Explain return statement of user define function in Swift with example. 2

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Q.3 Answer the following: 14
A. What are Gestures? Explain about Working of any 3 types of Gestures with appropriate example. 7

OR

Write a note on AlertController and its Types.

B. Explain about implementation of dynamic table view with appropriate example. 5
C. How to display an image into imageview? 2

Q.4 Answer the following: 14
A. Explain about core data framework in detail with importance of each component. 7
B. Explain about user defaults with appropriate example. 5
C. Explain in brief plist. 2

Q.5 Answer the following: 14
A. How to use core location framework in swift? Explain about geocoding and reverse geocoding with appropriate example. 7
B. Explain about Accelerometer and Gyroscope motion with appropriate example. 5

OR

Explain about how to use Annotation on MapKit View with appropriate example.

C. Explain in brief about overlays with respect to MapKit View. 2

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