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RAN-2211000608030001

M. Sc. (IT) (VIII) Examination April - 2025

Smart Device Computing using iOS (Paper : 803)

Time: 3 Hours]

[Total Marks: 70

સૂચનત : / 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:

M. Sc. (IT) (VIII)

Name of the Subject :

Smart Device Computing using iOS (Paper : 803)

Subject Code No.: **2211000608030001**

Seat No.:

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Student's Signature

(2) Do as directed

Q.1 Answer the following in short 14

1. What is Cocoa Framework?
2. Explain tuples with a brief example.
3. Define Optionals in Swift.
4. What are Protocols in Swift?
5. What is the role of Interface Builder in X code?
6. Mention any two control flow statements in Swift.
7. Briefly explain Initializers in Swift.

Q.2 Answer the following in detail (Any 2) 14

1. Explain the architecture of iOS in detail.
2. Discuss the Model View Controller (MVC) design pattern.
3. Explain Auto Layout constraints for creating adaptive UI.

Q.3 Answer the following in detail (Any 2) 14

1. Describe different navigation techniques in iOS.
2. Explain dynamic Table Views with suitable examples.
3. Explain the usage and working of UI Collection View.

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