

**RAN-2311000501050003**

M.Sc. (CA) (Sem.- I) Examination November - 2025
(Paper-105:02) Android API And Framework (TH)

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) All questions are compulsory.
- (3) Figures to the right indicate full marks.

Seat No.:

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Student's Signature

Q.1. [A] Choose the correct option (Any 4)**(4)**

1. In React Native, what is the correct way to print "Hello World" on the screen?
 - a) `<h1>Hello World< /hl>`
 - b) `<Text>Hello World</Text>`
 - c) `<p>Hello World</p>`
 - d) `console.log("Hello World")`
2. Which of the following is NOT a cross-platform framework?
 - a) Flutter
 - b) React Native
 - c) Xamarin
 - d) Android SDK
3. Which class in Flutter is used to control animations?
 - a) AnimationBuilder
 - b) AnimationController
 - c) Animator
 - d) AnimationManager
4. Which developer option must be enabled to test apps on a physical device?
 - a) GPU Rendering
 - b) USB Debugging
 - c) Mock Locations
 - d) Wi-Fi Only Mode
5. In Android, which file contains the permissions and application components?
 - a) styles.xml
 - b) activity_main.xml
 - c) AndroidManifest.xml
 - d) build.gradle

Q.1. [B] Answer the Following (any 2)**(4)**

1. What is style inheritance in Android?
2. Differentiate between State and Props in React Native with a simple example.
3. What is CurvedAnimation in Flutter and where is it used?

Q.2. [A] What is the architecture of Flutter framework? Explain Widgets, Gestures, States, and Layers.**(5)****OR****Q.2. [A] What are the steps to install, add, and create components using React Native Router?****Q.2. [B] What are the different types of Animation classes in Flutter and explain their uses?****(4)****Q.3. Answer the following. (Any 2)****(8)**

1. What are routing concepts in Flutter? List out relevant classes and methods.
2. How do you place Images and Buttons in a React Native application?
3. How to enable USB debugging on a device for testing an Android app?