



Term Evaluation (Odd) Semester Examination September 2025

Roll no.....

Name of the Course: MCA

Semester: III

Name of the Paper: Mobile Application Development

Paper Code:

TMC 302

Time: 1.5-hour

Maximum Marks: 50

Note:

- (i) Answer all the questions by choosing any one of the sub-questions
- (ii) Each question carries 10 marks.

Q1.

(10 Marks)

- a. Describe the core features of Android that make it a preferred platform for mobile application development.

OR

- b. Classify the Android application components and provide real-life examples for each.

Q2. a.

(10 Marks)

- i. Apply the directory structure knowledge to locate where drawable resources, layouts, and values are stored and explain their application.
- ii. Explain the concept of an Activity in Android, including its role in the user interface.

OR

- b. Design a layout using TextView, EditText, and submit Button to create a login screen for placement Registration and explain how each component works in your layout.

Q3.

(10 Marks)

- a. Use the MainActivity.java file to demonstrate how to implement a basic user interface interaction, such as button clicks leading to a Second Activity. Provide java code snippets and explanations

OR

- b. Demonstrate the use of RadioButton and RadioGroup Views in an Android app to create a placement quiz question interface with multiple-choice options. Provide the XML and Java code for implementation.

Q4.

(10 Marks)

- a. Apply Spinner View with an Adapter to create a menu in an Android app for displaying country list. Provide the XML layout, Java code, and explain how the Adapter facilitates data binding.

OR

- b. Develop an android application for feedback form with EditText for comments, RatingBar, and a Submit button, and display the submitted data using Toast.

Q5.

(10 Marks)

- a. i. Describe the working of TimePicker and DatePicker views with their typical use cases.
ii. Illustrate the differences between Table Layout and Absolute Layout with practical application.

OR

- b. Create a prototype for an app where the user can select a date, time, and location, then share the details with another app using intents. Include your planned layouts, views, and adapter choices.