



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.