



R20 Regulation

Subject code:3E7EF

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VII Semester Supplementary Examinations, November 2025

MOBILE APPLICATION DEVELOPMENT

(CSE)

Maximum Marks: 70

Date: 03.12.2025

Duration: 3 hours

- Note: 1. This question paper contains two parts A and B.
2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
3. Part B consists of 5 Units. Answer any one full question from each unit.
4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X2M=20 Marks)		Marks	CO	BTL
1	What are the advantages of Android.	2M	1	L1
2	List out Android SDK features.	2M	1	L1
3	what is a fragment	2M	2	L1
4	Name some components in user Interface	2M	2	L1
5	What is intent?	2M	3	L1
6	What is a broadcast receiver?	2M	3	L1
7	What are shared preferences	2M	4	L1
8	How to register content providers	2M	4	L1
9	What are the mobile applications platforms .	2M	5	L1
10	How to manage files in IoS.	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Analyze the Android development framework to understand its components and functionality.	10M	1	L2
OR				
12	Analyze best practices in Android programming and the use of Android tools.	10M	1	L2
13	Explain the steps involved in the event-handling mechanism.	10M	2	L2
OR				
14	Explain the differences between Linear and Relative layouts in Android with examples.	10M	2	L2
15	Describe the usage of intents and activities within fragments.	10M	3	L2
OR				
16	Describe how filters are used for broadcast receivers.	10M	3	L2

17	Analyze the steps required to establish a database connection using SQLite in an Android application.	10M	4	L2
	OR			
18	Examine the methods available for listing files in an Android directory.	10M	4	L2
19	Illustrate how to utilize the file system in iOS to create and manage files.	10M	5	L2
	OR			
20	Demonstrate how to use OOP principles such as inheritance, encapsulation, and polymorphism in iOS development.	10M	5	L2