



R20 Regulation

Subject code: 3E7EF

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

## B.Tech VII Semester Regular Examinations, November 2023

### MOBILE APPLICATION DEVELOPMENT (COMPUTER SCIENCE & ENGINEERING)

Maximum Marks: 70

Date:08.12.2023 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 which carries 10M.
  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)

		Bloom Tx
1	What are exceptions of Android?	L1
2	What is APK extension?	L1
3	Write a short note on pixel density Measurements.	L1
4	What are fragments Lifecycle states?	L1
5	What are implicit intents?	L1
6	What is a broadcast receiver?	L1
7	How to create files and folders?	L1
8	Define form class in language.	L1
9	List some benefits of iOS development as a mobile platform.	L1
10	Define a class in Objective-C.	L1

#### Part-B

Answer All the following questions.

(5X10M=50Marks)

11	A. What is android? Discuss their versions and applications. [5] B. Explain the procedure steps of Installing Android SDK Tools. [5]	L1 L2
	OR	
12	Describe how the lifecycle of an android activity works. [10]	L2
13	Explain the various components in user interface. [10]	L2
	OR	
14	A. How to use Fragments? Explain with examples. [5] B. Explain about the states of fragment. [5]	L1 L2
15	Discuss how to find and use Intents received within an Activity. [10]	L2
	OR	
16	Describe how filters are used for broadcast receivers. [10]	L2
17	Describe how to use shared preference with an example. [10]	L2
	OR	
18	Explain the procedure of database connection using SQLite. [10]	L2

19	Explain Item class in detail with an example application. [10]	L2
	OR	
20	A. Explain the advantages of developing apps for the iOS platform. [5] B. Discuss the structure of an Objective-C program and its key components. [5]	L2 L2