



R20 Regulation

Subject code: 3E7EF

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Supplementary Examinations, April 2024

Mobile Application Development

(Computer Science and Engineering)

Maximum Marks: 70

Date: 25.04.2024 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)

- 1 What are the advantages of Android?
- 2 What are the applications of Android?
- 3 What is a fragment?
- 4 Name some components in user Interface.
- 5 What is intent?
- 6 What are the advantages of Android?
- 7 How to create files and folders?
- 8 What are content providers?
- 9 How to define a class in iOS.
- 10 What are the advantages of iOS?

Part-B

Answer All the following questions.

(5X10M=50Marks)

- 11 Explain how the lifecycle of an android activity works. [10]
OR
- 12 What are best practices in Android programming, Android tools. [10]
- 13 Describe the mechanism of handling events. [10]
OR
- 14 How to use spinners in android? Explain with an example. [10]
- 15 Write a Program of activity class for displaying Toast. [10]
OR
- 16 Describe how filters are used for broadcast receivers. [10]
- 17 Explain the procedure of database connection using sqlite. [10]
OR
- 18 Describe how to use shared preference with an example. [10]
- 19 Explain how to handle exceptions in iOS. [10]
OR
- 20 Explain about Object Oriented Programming in iOS. [10]