

Code No.: AI744PE

R20

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
IV-B.TECH-I-Semester End Examinations (Regular) - November- 2023
MOBILE APP DEVELOPMENT
(CSM)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A

(20 Marks)

1. a) How do you create an AVD? [2M]
- b) Define the Android Manifest file? [2M]
- c) List some best practices for using Android user interface components? [2M]
- d) List the benefits of using fragments? [2M]
- e) What is a toast? [2M]
- f) What is a broadcast receiver? [2M]
- g) How do you perform file operations? [2M]
- h) What is the difference between internal storage and external storage? [2M]
- i) List the different ways to open a database? [2M]
- j) How do you delete data from a table? [2M]

PART-B

(50 Marks)

2. Explain the process of creating and running Android apps? [10M]
- OR**
3. Illustrate the different types of resources in an Android application? [10M]
4. Explain the concept of designing Android user interfaces? [10M]
- OR**
5. Demonstrate how can you create complex layouts by combining different types of layouts? [10M]
6. Explain why do you customize the appearance of toasts? [10M]
- OR**
7. Demonstrate the concept of intent? [10M]
8. Discuss about how do you handle permissions when working with files? [10M]
- OR**
9. Briefly explain the benefits of using shared preferences? [10M]
10. Explain the process of optimize the performance of your SQLite database? [10M]
- OR**
11. Discuss the concept content provider? [10M]
