

Code No.: IT702PC

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H.T.No.

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**CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS**

**IV-B.TECH-I-Semester End Examinations (Regular) - November- 2023
MOBILE APPLICATION DEVELOPMENT
(IT)**

[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) Which tools are used for Android application development? [2M]
- b) What is layout in app development? [2M]
- c) What is the purpose of toggle buttons? [2M]
- d) List UI Components. [2M]
- e) Write the difference between Explicit and Implicit intent. [2M]
- f) What is Native action in intent? [2M]
- g) Define persistent storage. [2M]
- h) How to retrieve the data from table in SQLite. [2M]
- i) What is the use of download manager in android? [2M]
- j) How can you get continuous location updates in Android? [2M]

PART-B

(50 Marks)

2. How to create AVD's? Explain the various types of android applications. [10M]
- OR**
3. What is activity? Explain in detail about the life cycle of activity. [10M]
4. Discuss about Views and their View Groups. [10M]
- OR**
5. What is fragment? Explain states and life cycle of fragment. [10M]
6. What is intent? Explain the steps for sending and receiving the implicit intents. [10M]
- OR**
7. What is broad cast receiver? Explain about the different types of broad cast receiver? [10M]
8. Explain the procedure to create and listing shared preference. [10M]
- OR**
9. Establish connection between SQLite and Android and read a table from SQLite. [10M]
10. Write a program to create a Alarm app. [10M]
- OR**
11. Explain locating methods in Android in detail. [10M]
