**Suryadatta Education Foundation's**

**Suryadatta Institute of Mass Management and Communication (SIMMC)**

**MCA Department**

**End -Term Examination- November, 2023**

**MCA II Year (SEM-III)**

**Subject: Mobile Application Development**

**Subject Code: IT 31 Total Marks: 50**

**Date: 06/11/2023 Time: 9:30 am to 12:00 pm**

**Note:**

Q1. Attempt any four questions: [4\*10=40]

1. Write an Android application to display an Alert Dialog Box at the click of a button.
2. What is Intent? Explain types of intent with suitable example.
3. Demonstrate Array Adapter using list view to display the list of MCA subjects.
4. What is the Activity life cycle? Explain methods of activity with the program.
5. Write an android application using SQLite to create an employee (eid, ename, edept, esalary) table and insert a record in the table and display appropriate message on toast to user.
6. Demonstrate webview to display a webpage in an android application.
7. Write a short note on JSON parsing with example.

Q 2. Attempt any two short notes: [2\*5=10]

1. Project structure
2. Android Architecture
3. Flutter Architecture
4. Advantages of React Native
5. Android Menu

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**Suryadatta Institute of Business Management & Technology(SIBMT)**

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