CERTIFICATE IN MOBILE APPLICATION DEVELOPMENT (CMAD)

Term-End Examination

June, 2024

BCS-093 : INTRODUCTION TO ANDROID

Time : 3 Hours   *Maximum Marks : 75*

Note :   Question no. **1 is compulsory**. Answer any **3** (three) questions from the rest.

1. (a)   Explain any ten features available in android for mobile application development.   **10**

   (b)   What is Native mobile app ? Give advantages and disadvantages of native mobile apps.   **10**

   (c)   What are activity in android ? Give an example of an activity of an Android operating system. **10**

2. (a)   What are intents ? What are the different types of intents ?   **5**

   (b)   State the most common tools and their features used in Android application development.   **10**

3. (a)   What do you understand by reverse series of call back ?   **5**

   (b)   Write the steps for creating linear layout.   **10**

4. (a)   What is Testing ? Explain its types.   **10**

   (b)   Compare and contrast data storage using internal storage and external storage options.   **5**

5. (a)   Write a snippet/code to print welcome message on screen.   **5**

   (b)   What are the various methods to improve responsiveness and battery efficiency in android.

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