CBCS SCHEME

16/17MCA53

Fifth Semester MCA Degree Examination, Jan./Feb. 2021
Mobile Application

Time: 3 hrs. Max. Marks: 80

Note: *Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

1 a. What is Mobile Applications? Explain the importance of mobile application in today's scenario. **(08 Marks)**
   b. Outline the architecture of Android. **(08 Marks)**

OR

2 a. What do you understand by Mobile information design and mobile platform? Explain it. **(08 Marks)**
   b. Explain the terms to understand mobile application users. **(08 Marks)**

Module-2

3 a. Explain the fundamentals of developing an Android application. **(08 Marks)**
   b. Describe anatomy of an Android application. **(08 Marks)**

OR

4 a. Write short note on : Components of Android application. **(08 Marks)**
   b. Discuss the components involved in Android for activities and fragments. **(08 Marks)**

Module-3

5 a. Write in details, how to display Google maps in your own Android applications. **(08 Marks)**
   b. Write short note on Basic views. **(08 Marks)**

OR

6 a. Explain the methods for getting location data. **(08 Marks)**
   b. Differentiate the basics of Android UI design and location based services. **(08 Marks)**

Module-4

7 a. Write the basic concept of Android messaging services for sending SMS and Email. **(08 Marks)**
   b. How do you publish Android applications? List out the steps briefly. **(08 Marks)**

OR

8 a. Explain the concepts of networking in the terms of Communicating between services and activity. **(08 Marks)**
   b. Analyse the methods for accessing web services through Android application. **(08 Marks)**

Module-5

9 a. Explain the Anatomy of window phone 7 Applications. **(08 Marks)**
   b. Explain briefly the steps to create native ios Application. **(08 Marks)**

OR

10 a. Write short notes on ios story board. **(08 Marks)**
    b. Explain briefly Accelerometer in windows Phone 7. **(08 Marks)**

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