USN | | | | | | | | | | 16MCA53

Fifth Semester MCA Degree Examination, Dec.2018/Jan.2019
Mobile Applications

Time: 3 hrs.   Max. Marks: 80

Note: *Answer 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 todays scenario. **(08 Marks)**
    b.   What are the development process of mobile application in the business world. **(08 Marks)**

OR

2   a.   What do you understand by mobile information design and mobile platform? Explain it. **(08 Marks)**
    b.   Explain the effective use of screen real estate and features of mobile applications. **(08 Marks)**

Module-2

3   a.   Explain the fundamentals of developing an android application. **(08 Marks)**
    b.   Explain how to build the Derby App in android. **(08 Marks)**

OR

4   a.   What are the components of android applications? Explain with an example. **(08 Marks)**
    b.   Discuss the components involved in android for activities and fragments. **(08 Marks)**

Module-3

5   a.   Explain in detail how to design user interfaces using views. **(08 Marks)**
    b.   Write in details, How to display Google maps in your own android applications. **(08 Marks)**

OR

6   a.   What is the prospective of deploying APK file in android applications? **(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.   What is the process for binding activities to services in android applications? **(08 Marks)**

OR

8   a.   What is the techniques involved to create own services and binding web services in android? **(08 Marks)**
    b.   Explain the concepts of networking in the terms of communicating between service and activity. **(08 Marks)**

Module-5

9 a. How to build Derby App in window phone 7? Explain. (08 Marks)
   b. Explain the Anatomy of window phone 7 App. (08 Marks)

OR

10 Write the short notes on following with appropriate example:
   a. Components of XCODE
   b. Tools required for window phone 7
   c. Getting useful iOS things
   d. Derby App in iOS. (16 Marks)

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