

CBCS SCHEME

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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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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.