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Total No. of Questions : 09

BMCI (2014 & Onwards) (Sem.–5)

MOBILE APPLICATION DEVELOPMENT

Subject Code : BMCI-501

M.Code : 74103

Time : 3 Hrs. Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Answer briefly :

   a) What are the types of mobile devices? b) What are the applications of Android? c) What is Android Stack? d) How multiple screen sizes are supported in Android? e) What are Spinners? What is the use of spinners? f) What is a Toast? g) What is GPS and what is its use in a mobile application? h) What is a Web Service? i) What are the essential tasks involved in publishing a mobile application? j) What is a Cursor and what are its types?

SECTION-B

2. What are the salient features of Android? Compare Android with other environments.

3. What is Notification? How notifications are created? Discuss the notification actions.

4. What are String Resources in Android? What are Quantity strings?

5. Explain the various options to save data in Android apps.

6. Discuss with an example how to consume JSON service in an Android application.

SECTION-C

7. Explain Activity life cycle in detail. Discuss the lifecycle callbacks.

8. What is an Android application? Explain the steps to create and run an application in Android.

9. What is a Database? Explain how a database is created and data is stored in it. Also discuss how the data is read, updated and deleted from a database.

NOTE : Disclosure of identity by writing mobile number or making passing requ est on any page of Answer sheet will lead to UMC case against the Student.