

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (CSE) (Sem.-6)
MOBILE APPLICATION DEVELOPMENT

Subject Code : BTCS-620-18

M.Code : 79258

Date of Examination : 09-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS 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

Write briefly :

- 1) Define the role of GPS in Android devices.
- 2) Write the syntax for Intent-Filter tag.
- 3) Enlist the steps to publish the Android application.
- 4) What are the layers present in the android architecture?
- 5) What are the mobile agents?
- 6) Enlist steps to implement the AddMob in Application.
- 7) What is use of Gradle in Android?
- 8) Define Touch Gesture.
- 9) Enlist the two limitations AsyncTask.
- 10) Define Shared Preferences? Differentiate between Shared Preferences and Saved Instance State.

SECTION-B

- 11) What is SQLite? Explain the steps required to create, open and close the database cursors.
- 12) Define Loader. Explain the different call back method of Loader Manager class.
- 13) Define Content Provider. Explain with an example sharing the data between application using Content Provider.
- 14) Explain best practices to keep the user data secure.
- 15) Define Input Control. Explain different types of Button and its states.

SECTION-B

- 16) Explain the Android architecture with the help of a neat diagram.
- 17) Develop an application to store student details like roll no., name, branch, marks, percentage and retrieve student information using roll no. in SQLite databases.
- 18) What are the most important factors in developing mobile application development? Explain in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.