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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.