

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

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

Subject Code : BTCS620/18

M.Code : 79258

Date of Examination : 08-05-2024

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**

**1. Write briefly :**

- a) Android SDK
- b) Intents
- c) User Interface
- d) Threads
- e) Shared preferences
- f) Android user
- g) Android Graphics
- h) Android Architecture
- i) Application context
- j) Mobile apps Testing

## SECTION-B

2. Explain about tools of mobile application development.
3. Describe various components of an Android application in detail.
4. How broadcast and telephony APIs are used in Android studio?
5. Discuss briefly about the various factors in developing mobile applications.
6. Discuss mobile application development process.

## SECTION-C

7. What is an Activity? Explain activity lifecycle with the help of block diagram.
8. (a) Write a note on SQLite.  
(b) What is Android multimedia?
9. **Define the following terms:**
  - (a) System permissions
  - (b) SQLite
  - (c) Security
  - (d) Hacking

**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.**