

ROLL No:

--	--	--	--	--	--	--	--	--	--	--

 Total number of pages:[1]

B.Tech. || CSE || 6th Sem

Mobile Application Development (DE-I)

Subject Code: BTCS-611A

Paper ID:

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory
- Assume any missing data

PART A (10x 2marks)

Q. 1. Short-Answer Questions:

- (a) What is AVD?
- (b) What is the purpose of Android Manifest file?
- (c) What is Pending Intent?
- (d) What is Broadcast Receiver?
- (e) What is a Notification?
- (f) What is a Service?
- (g) What are the different ways to store data in a Mobile?
- (h) Which is the latest version of Android operating system?
- (i) What is Dalvik Virtual Machine?
- (j) What is a Unit Test?

PART B (5x8marks)

- | | | |
|--------------|---|------------|
| Q. 2. | Explain various challenges faced by the programmers for developing Mobile Applications. | CO1 |
| | OR | |
| | What is the Design Philosophy of Android operating System? | CO1 |
| Q. 3. | Explain various building blocks of Android operating system. | CO2 |
| | OR | |
| | What are Shared preferences? Explain with example. | CO2 |
| Q. 4. | How Intents can be used to transfer data from one Activity to another Activity. | CO3 |
| | OR | |
| | Design one Mobile App that stores the Reminders for daily use. The user of the App should be able to add, edit, delete and update the stored information. | CO3 |
| Q. 5. | Explain Life cycle of an Activity with the help of a flowchart. | CO4 |
| | OR | |
| | Explain how you will get the location of your College by using Google APIs. | CO4 |
| Q. 6. | Explain the Testing framework of Android? Explain the use of Monkey Tool. | CO5 |
| | OR | |
| | How Android Apps are signed? Explain the process of signing the Apps. | CO5 |