

ROLL No: Total number of pages:[1]

B.Tech. || CSE || 6th Sem
Mobile Application Development
Subject Code: BTCS-902
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 the role of an Android Manifest file?
- (b) What is Emulator?
- (c) What is Intent?
- (d) What is a Broadcast Receiver?
- (e) What is DVM?
- (f) What is an Activity?
- (g) What are the different ways to store data in Android?
- (h) Which is the latest version of Android operating system?
- (i) What is a service?
- (j) What is Junit?

PART B (5x8marks)

- Q. 2. Explain the Design Philosophy of Android operating system. COa
OR
Why is it difficult to design Android apps? What are the reasons for it? COa
- Q. 3. What is a Notification? Explain the use of a Pending Intent. Cob
OR
Explain Life cycle of an Activity with the help of flowchart. Cob
- Q. 4. How Intents can be used to transfer data from one Activity to another Activity. COc
OR
With the help of one example, explain Implicit Intents. COc
- Q. 5. What is versioning? How Android apps are versioned? Cod
OR
How Android Apps are signed? Explain the process. Cod
- Q. 6. What is Testing? How it is performed in Android. COe
OR
Design a test case that checks the correct notification whenever some SMS is received. COe