

ROLL No:

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Total number of pages: [1]

B.Tech. || CSE || 6<sup>th</sup> Sem

Mobile Applications Development

Subject Code: BTCS-902 [Elective-I]

Paper ID:

Max Marks: 60

Time allowed: 3 Hrs

Important Instructions:

- All questions are compulsory

PART A (10x 2marks)

Q. 1. Short-Answer Questions:

- What is an Activity?
- What is the significance of an android manifest file?
- What is the purpose of findViewById () function?
- What is a Broadcast Receiver? Where is it used?
- What is Android Virtual Device?
- What is use of an Adaptor?
- What are the different ways to store data in Android?
- Which is the latest version of Android operating system?
- What is DVM?
- What is Testing?

PART B (5x8marks)

- Q. 2. Explain various challenges involved in the development of Mobile Applications. COa
- OR COa
- Q. 3. Explain various design pillars of Android OS? COa
- Write a code segment to implement the functioning of a Button. COb
- OR
- Q. 4. What is Pending intent? Where is it used? Give one example. COb
- With the help of one example, explain how Intents can be used to transfer data from one Activity to another Activity. COc
- OR
- Q. 5. With the help of one example, Explain Implicit Intents. COc
- How will you send a SMS in an Android App? COd
- OR
- Design one App which prompts the user to enter his Name, Branch, Univ rollno with the facilities of Add and Search information. COd
- Q. 6. What is Testing? Explain its components with reference to Android. COe
- OR
- What do you mean by signing an App? Explain the process of signing an Android App. COe