

ROLL No:

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Total number of pages: [1]  
Total number of questions: 07

B.C.A. 4<sup>th</sup> Sem

# Android Application Development

Subject Code: BCAP1-418 (RC)

Paper ID:

(2016 onwards)

Max Marks: 60

Time allowed: 3 Hrs

Important Instructions:

- All questions are compulsory

## PART A (2×10)

All COs

Q. 1. Short-Answer Questions:

- Why android is a popular platform for developing apps?
- What is an AndroidManifest.xml file
- How are alarms classified
- Discuss the term: LogCat
- Write a short note on Async task loader
- How to connect to internet in android manifest?
- What is the purpose of "Src" Folder in android application
- Difference between onSaveInstanceState() and onRestoreInstanceState().
- What do you mean by Linear Layout
- What are transactions and mention its properties

## PART B (8×5)

Q. 2. Explain the architecture of Android

CO1

OR

Describe the anatomy of android application

CO1

Q. 3. Describe the life cycle of an activity in detail

CO2

OR

What is Layout? List out different Layouts supported by Android system

CO2

Q. 4. What are android widgets? Explain any two widgets with example.

CO3

OR

Explain the elements of AndroidManifest.xml file

CO3

Q. 5. What are various types of Services? Explain the Service life cycle

CO4

OR

What is a notification? Explain its various components

CO4

Q. 6. What is SQLite. What are the various commands used in it

CO5

OR

What are broadcast intents? Discuss about its types.

CO