Code No: 5405AE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M. Tech I Semester Examinations, June/July - 2019
MOBILE APPLICATION DEVELOPMENT
(Computer Science)

Time: 3hrs   **Max.Marks:75**

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question
carries 10 marks and may have a, b, c as sub questions.

PART - A

                                                           5 × 5 Marks = 25

1.a) What is android manifest file? [5]
  b) Explain multi-screen activities. [5]
  c) How to display toasts? Explain. [5]
  d) Write a short note on content providers. [5]
  e) Write a XML code for alarms. [5]

PART - B

                                                         5 × 10 Marks = 50

2.a) What are the different phases of the life cycle of the activity?
  b) Discuss about android development framework. [5+5]
OR
3.a) What is android? Explain the architecture of android.
  b) Write short notes on android features. [5+5]

4. Discuss in detail about layouts. [10]
OR
5. Explain the following.
a) Spinners
b) Grid and table layout. [5+5]

6. Discuss in detail about broadcast receivers. [10]
OR
7. Write about
a) Implicit intent
b) Explicit intent. [5+5]

8. Write a program for reading data from file. [10]
OR
9. Discuss in detail about shared preferences. [10]

10. Write a program that shows the current location on Google maps. [10]
OR
11.a) Explain how to create alarms.
  b) Write about internet resources. [5+5]

---ooOoo---