R15

Code No: 825AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA V Semester Examinations, December - 2019
ANDROID APPLICATION DEVELOPMENT

Time: 3 Hours   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)	Explain about android application components.	[5]
b)	Discuss in detail about table layout.	[5]
c)	Write short notes on toast.	[5]
d)	How to query a content provider?	[5]
e)	List out callback methods to get the current location.	[5]

PART - B

5×10 Marks = 50

2.   Explain in detail about android system architecture.   [10]
OR
3.a)   Explain different types of android applications.
   b)   List out features of android application.   [5+5]

4.   Draw a diagram to explain the concept of fragment life cycle?   [10]
OR
5.   Write an android application program for addition of two numbers using user interface components.   [10]

6.   Explain the following Intents with illustrations
      a) Implicit Intents   b) Explicit intents   [5+5]
OR
7.   Explain in detail about broadcast Receivers.   [10]

8.   Create an application for adding and removing data from SQLite database.   [10]
OR
9.   Discuss in detail about shared preference.   [10]

10.   Write an android application program that shows the current location's latitude and longitude continuously as the device is moving.   [10]
OR
11.   What are the steps to implement simple alarm application? Explain them briefly. [10]

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