R17

Code No: 845AA

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

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)	Mention the attributes of Android manifest file.	[5]
b)	What is gesture? Explain different gestures supported in Android.	[5]
c)	Write the properties of notifications.	[5]
d)	What is shared preference? Write its uses.	[5]
e)	List and explain different types of alarms.	[5]

PART - B

5 × 10 Marks = 50

2.a)	What kind of menus supported in Android? Explain briefly.	
b)	Write the steps to install ADT plug in Eclipse.	[5+5]

OR

3.	With a neat sketch explain the components and life cycle Android application.	[10]

4.	Explain designing and adding of fragment in Android.	[10]

OR

5.a)	Explain about raised button and the events generated by it.	
b)	Explain grid layout and design it in Android.	[5+5]

6.	What are implicit intents and explain steps for sending and removing implicit intents.	[10]

OR

7.a)	What is broad cast receiver? Explain different types of broad cast receiver?	
b)	How do you create an application to send SMS using internet and explain with example.	[5+5]

8.a)	Explain App architecture with Content provider with suitable diagram.	
b)	Explain steps to retrieve data using Content provider.	[5+5]

OR

9.	Explain the procedure to create and listing shared preference.	[10]

10.	What is alarm manager? Explain how do schedule repeating alarm with example code.	[10]

OR

11.	Explain locating methods in Android in detail.	[10]

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