GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER–VIII(NEW) EXAMINATION – SUMMER 2019

Subject Code:2180715   **Date:17/05/2019**

Subject Name:Android Programming

Time:10:30 AM TO 01:00 PM   **Total Marks: 70**

Instructions:
1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

			MARKS
Q.1	(a)	What is the significance of Android Manifest file?	03
	(b)	Explain Activity Life Cycle.	04
	(c)	Explain Android architecture with proper diagram.	07
Q.2	(a)	Explain DVM.	03
	(b)	Explain LinearLayout.	04
	(c)	Write code to send data from one activity to other activity using Explicit Intent.	07
		OR	
	(c)	Write code to Validate email address in Android.	07
Q.3	(a)	Explain Checkbox with example.	03
	(b)	Differentiate between Explicit Intent and Implicit Intent.	04
	(c)	Explain different types of menu in android with example.	07
		OR	
Q.3	(a)	Explain Content Provider.	03
	(b)	Explain Material Design.	04
	(c)	Explain RadioButton and RadioGroup with suitable Example.	07
Q.4	(a)	Briefly explain AsyncTaskLoader.	03
	(b)	Explain ToggleButton with example.	04
	(c)	How to manage the different screen sizes and orientations.	07
		OR	
Q.4	(a)	What is a Notification?	03
	(b)	Write code to display Toast Message on click of Button.	04
	(c)	Explain Fragments with appropriate example.	07
Q.5	(a)	Briefly explain RatingBar in Android.	03
	(b)	How to publish the Android Application into Google Appstore.	04
	(c)	Write code to open browser with entered URL by the user.	07
		OR	
Q.5	(a)	Explain Permission Model in android.	03
	(b)	Explain Internal vs External Storage.	04
	(c)	Write Code to insert Customer Details (cID, cName, cOrderID) in SQLite Database in Android.	07

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