Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII (OLD) - EXAMINATION - SUMMER 2017

Subject Code:180708 Date:04/05/2017

Subject Name: Android Programming (Department Elective - II)

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.

Q.1	(a) (b)	Explain GUI Architecture of android Explain types of android application. And create any small application in android? Explain.	07 07
Q.2	(a) (b)	How to adding, updating and deleting content in android application. What is Framework? Explain Android framework with figure. OR	07 07
	(b)	What is virtual device and SDK manager? Explain	07
Q.3	(a) (b)	What is Emulator? Explain in brief. What is Parsing? Explain XML parsing and JSON parsing with example. OR	07 07
Q.3	(a)	What are web services? How it integrates and implements in industrial projects?	07
	(b)	Explain GUI Architecture of android.	07
Q.4	(a) (b)	How to create menus in android? explain with example Create a Simple Web View android application. OR	07 07
Q.4	(a) (b)	What is view? Create a Simple Grid View android application. What is Layout? List out different Layouts supported by Android system and also explain Linear Layout with its various attributes.	07 07
Q.5	(a) (b)	Explain activity lifecycle of android application. Explain String.xml file.	07 07
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Q.5	(a) (b)	Create layouts of android widgets toolbox. What is SQLite database? How to provide database connection using SQLite database.	07 07
