

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