Seat No.: Enr		Io.: Enrolment I	olment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY ME – SEMESTER III (NEW) – • EXAMINATION – SUMMER 20:	16	
Subject Code: 3735301 Date:0			05/05/2016	
St	ıbje	ect Name: Advanced Programming on Mobile Devices–II		
Ti	Time: 10:30 am to 01:00 pm Total M			
Ins	struc	1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.		
Q.	1 a. b.	Which are the common Linux libraries used in Android? What do you mean by sp and dp? Explain sp and dp in Android.	[7] [7]	
Q.	2 a. b.	Discuss Architecture of Android. Explain all the layers in detail. What dialog boxes are supported in android? Discuss them. OR	[7] [7]	
	b.	Which are the different tags that are required to create reusable user interface that layout? Write a program that shows the creation of reusable user interface that in layout.		
Q.	a. b.	What are the different Notifications available in android? Explain in detail. What do you mean by service in android? How to update a UI from a service in android OR	[7] 1? [7	
Q.	3 a. b.	Explain in detail about Broadcast receiver use with examples? Describe in detail about lifecycle of Fragment and Service?	[7] [7]	
Q.	4 a. b.	Explain the process of publishing the android app? What is AutoComplete Text view? Explain with a suitable example? OR	[7] [7]	
Q.	a. b.	How can you transfer file through Wifi android? Explain in detail. What is toast in android? How can you positioning your toast? How do you create a cus android?	[7] stom toast in [7]	
Q.	5 a. b.	How will you add google maps in android application? Explain its features. Why do you use TelephonyManager and SMSManager? OR	[7] [7]	

[7] [7]

Q. 5

a. Explain AndroidManifest.xml file in detail.

b. What is Intent, Pending Intent and intent filter? Explain in detail.