Seat No.:					Enrolment No

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

		ME – SEMESTER III (NEW) – EXAMINATION – WINTER-2016	
	-	Code: 2735405 Date:25/10/201	6
Ti	me:02 truction	Attempt all questions.  Make suitable assumptions wherever necessary.	70
Q.1	(a) (b)	List out android application components and explain each with suitable example. Explain Android's architecture in detail.	07 07
Q.2	(a) (b)	What are DVM and JVM? Explain DVM in detail. What is ADB? Explain in detail.	07 07
	<b>(b)</b>	OR What is AVD? Explain in detail.	07
Q.3	(a) (b)	List out android storage options and explain shared preferences with example.  Which is android inbuilt database? Explain it with example.  OR	07 07
Q.3	(a) (b)	What are the differences between internal and external storage options? What is content provider? What is significance of it?	07 07
Q.4	(a) (b)	How inter process communication is carried out in Android? Explain with Example.  Explain activity life cycle in detail.	07 07
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Q.4	(a) (b)	Explain service life cycle in detail.  What is significance of Intent in android? What is intent-filter? How intents are resolved by android operating system?	07 07
Q.5	(a) (b)	List out android widgets. Explain WebView with Example. Which types of menus are supported by android OS? Explain context menu with example.	07 07
Q.5	(a) (b)	OR Explain android application file structure in detail. List out layouts available in android OS? Explain any two of them with example.	07 07

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