GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – III • EXAMINATION – SUMMER • 2013			
•		Date: 13-05-2013	
_	ect Name: Advanced Programming on Mobile Devices–II (Andr		
	: 10.30 am – 01.00 pm Total Marks	S: /U	
Insti		he rest questions.	
Q. No.	. 1		
a.	Using toast, print the sine/cosine of an angle which d rs by 30 degrees on s		
b.	should start on click of the button. Describe in detail the role of the DVM and how it works?	[8 Marks] [6 Marks]	
Q. No.	. 2		
_	Write the advantages of using Android on phones. How is the Android's secu		
b.	maintained? Create a gallery of pictures on screen; the pictures should be in png format.	[7 Marks] [7 Marks]	
0.	of each a gamery of protators on servers, the protators should be in ping formation	[/ Marks]	
Q. No.		h [C Maulaal	
	What is the significance of the Application framework in android? Describe t Draw the flow chart to explain the flow of the various events in android.	[8 Marks]	
Q. No.	. 4		
	What is the role of the Runtime in Android architecture explain?	[6 Marks]	
υ.	Write a program to reverse a string entered by user on screen and print the ou	[8 Marks]	
Q. No.			
a.	What is the role of layouts in the Android illustrate with a simple program an	•	
b.	layouts. Write a program to print the log 10 of first fifty numbers on view.	[7 Marks] [7 Marks]	
		,	
Q. No.	. 6 What are the states of process in android? List the states with one line of desc	ription for each	
a.	state.	[7 Marks]	
b.	Write a program to create a simple table in Sqlite3 and explain various steps	involved in process. [7 Marks]	
Q. No.	7		
a.	What are the processes in Android and what is their life cycle?	[6 Marks]	
b.	Define the following terms: Broadcastreceiever, Others in Android, Services		
		[8 Marks]	
Q. No.			
a.			
b.	layer? Write a simple program to illustrate the Service and explain the various steps	[8 Marks] . [6 Marks]	

Enrolment No._____

Seat No.: _____