

Reg.No. _____



Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

End Semester Examination – Nov/Dec – 2016

Code : **14CS2063**Sub. Name : **Mobile Application Development Using Android**Semester : **2016-17 ODD**Duration : **3hrs**Max. marks : **100**

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Mark
1.	a.	Explain the various building blocks of Android.		15
		(OR)		
2.	a.	Explain the design philosophy demands in Android application.		15
3.		Write the necessary source code to develop an Android application with the following features.		
	a.	Generate a list view with the names of various planets.		7
	b.	Display the information of a particular planet, when an item in that list is tapped.		8
		(OR)		
4.	a.	Explain the life cycle of Fragment with necessary diagram and source code.		15
5.		Write the sample code to do the following animations for a View object.		
	a.	Fade In and Fade Out		7
	b.	Zoom In and Zoom Out		8
		(OR)		
6.	a.	Write the necessary source code to download an internet resource using DownloadManager.		15
7.	a.	Write sample code to send email in Android using intent.		6
	b.	Write sample code to send SMS in Android using intent.		6
	c.	Write the permission code in Android-Manifest.xml file to send SMS.		3
		(OR)		
8.	a.	Write the necessary source code to spot Karunya Nagar in google map. Latitude is 10.9393 and longitude is 76.7466.		
		Compulsory:		
9.	a.	Write the necessary code to develop an Android app which manages the bluetooth with the following operations.		
	b.	Switch on/off the bluetooth		7
	c.	Scan the paired devices		8

ALL THE BEST