

Guru Nanak Dev Engineering College, Ludhiana						
Department of Information Technology						
Program	B.Tech.(IT)		Semester		8 th	
Subject Code	PEIT-116		Subject Title		Mobile Application Development	
Mid Semester Test (MST) No.	1		Course Coordinator(s)		Ranjodh Kaur	
Max. Marks	24		Time Duration		1 hour 30 minutes	
Date of MST	31 March 2023		Roll Number			
Note: Attempt all questions						
Q. No.	Question				COs, RBT level	Marks
Q1	Name the root element of AndroidManifest.xml file and Is it possible to have an activity without UI in android?				CO3, L2	2
Q2	All layout classes are direct subclasses of _____. What does APK stands for?				CO3, L2	2
Q3	Discuss the properties android: orientation and android: gravity.				CO3, L2	4
Q4	Write the code to make TextView clickable and shows the toast message.				CO3, L6	4
Q5	Discuss the developing mobile strategy and mobile ecosystem.				CO2,L2	4
Q6	a) Discuss the components of android application and types of Mobile applications. b) Draw a neat diagram of activity life cycle and explain.				CO1, CO2, L2	8
Course Outcomes (CO) <i>Students will be able to</i>						
1	Understanding the basic mobile platforms and mobile development environments					
2	Make use of Android SDK to setup Android Development Environment					
3	Apply conceptual knowledge of User Interface Designing to design UI in Android SDK					
4	Develop Interactivity based Android Applications using Fragment, Intents and Event Processing					
5	Develop Database oriented Android Applications using Persistent Data Storage					
6	Improve the Android Application Performance using Android Services and Threads					
7	Analyze and Solve the bugs using Android Security and Debugging features					
RBT Classification	Lower Order Thinking Levels (LOTS)			Higher Order Thinking Levels (HOTS)		
RBT Level Number	L1	L2	L3	L4	L5	L6
RBT Level Name	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating