

Guru Nanak Dev Engineering College, Ludhiana						
Department of Information Technology						
Program	B.Tech.(IT)		Semester		7 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	Sep 2023		Roll Number			
Note: Attempt all questions						
Q. No.	Question				COs, RBT level	Marks
Q1	Describe the key milestones in the evolution of mobile technology from its beginnings.				CO1, L2	2
Q2	Compare and contrast predefined color resources with custom color definitions in Android XML files.				CO3, L4	2
Q3	Describe the basic stages in the lifecycle of an Android activity and when each stage occurs.				CO2, L2	4
Q4	a) State the reason behind defining custom styles for XML elements in Android XML layout files. b) List the components of the mobile ecosystem and discuss.				CO3, L1	4
Q5	Compare and contrast the usage of different View Groups in Android layouts, providing examples of scenarios where each is most suitable.				CO3, L4	4
Q6	a) Analyze the benefits and limitations of using the XML Editor for error identification and correction in Android app development. b) Assess the effectiveness of TextView elements in conveying information and content presentation within an Android app.				CO3, L4,L6	8
Course Outcomes (CO) Students will be able to						
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