

Name. _____				Printed	
Student Admn. No.: _____				Pages:01	
School of Computing sciences and Engineering Semester – MTE Midterm RE/ Examination:, Oct 2023 [Programme: MCA Semester: III Batch: 2022-24					
Course Title: Android App Development PBL				Max Marks: 50	
Course Code: MCAN2310				Time: 90 Mins.	
Instructions:		1. All questions are compulsory. 2. Assume missing data suitably, if any.			
SECTION-1 - (15 marks)					
S.No	QUESTION	BTL	DL	Max Marks	
1.	Summarize the role of the Android manifest file. Explain its structure.	KL2	DL1	2	
2.	List out the architecture of Android in detail. Explain the role of Linux Kernel and major components like activities	KL1	DL3	3	
3.	Compare and contrast commonly used Android development tools like SDK	KL2	DL2	4	
4.	Implement the process of setting up the environment for Android application development on Windows/Mac/Linux.	KL2	DL3	6	
SECTION-2 - (15 marks)					
5.	Examine the Intents in Android with examples of explicit and implicit Intents.	KL3	DL2	6	
6.	Implement the concept of Activity in Android in detail with suitable examples and diagrams.	KL3	DL3	9	
SECTION-3 - (20 marks)					
7.	Analysis the implementation of Content Providers in Android with suitable examples.	KL4	DL2	8	
8.	Explain how to start a new Activity and send data between Activities in Android with sample code. Discuss Activity and Intent features in detail. OR Illustrate the implementation and role of Broadcast Receivers	KL4	DL3	12	