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PRESIDENCY UNIVERSITY SET A

BENGALURU

Mid - Term Examinations - March 2026

Date: 11-03- 2026

Time: 11.45am to 01.15pm

School: SOCSE	Program: B.Tech (ISE, CIT)	
Course Code : CSE2505	Course Name: Mobile Application Development	
Semester: VI	Max Marks: 50	Weightage: 25%

CO - Levels	C01	C02	C03	C04	C05
Marks	26	24	0	0	0

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Q x 2M=10M

1	Mention the features of Android.	2 Marks	L	C01
2	What is the purpose of the Linux Kernel in Android?	2 Marks	L	C01
3	Mention any two functions of ADB.	2 Marks	L	C01
4	Differentiate between onStop() and onDestroy().	2 Marks	L	C02
5	What is LinearLayout?	2 Marks	L	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	Explain the Architecture of Android Mobile Operating System with Diagram.	10 Marks	L	C01
	b.	Explain the components of Android Application.	10 Marks	L	C01
Or					
7.	a.	List and explain the five challenges of Android app development and Discuss History of MAD and Android studio?	10 Marks	L	C01
	b.	With a neat diagram explain the Android Activity Lifecycle?	10 Marks	L	C01
or					
8	a	Explain the type of Fragments and how it interacts with an activity. Elaborate View Group with example.	10 Marks	L	C02
	b	Explain the types of Layouts and different View groups present in Android studio with diagram.	10 Marks	L	C02
or					
9	a	Describe the Intent and its Components. Write the intent code to transfer the control to next activity.	10 Marks	L	C02
	b	Explain the Android Fragments Lifecycle with Diagram.	10 Marks	L	C02