

Code: 20CS6721

**IV B.Tech - I Semester - Regular Examinations - DECEMBER 2023**

**ADVANCED MOBILE APPLICATION DEVELOPMENT  
(HONORS in COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

Note: 1. This paper contains questions from 5 units of Syllabus. Each unit carries 14 marks and have an internal choice of Questions.

2. All parts of Question must be answered in one place.

BL – Blooms Level

CO – Course Outcome

			BL	CO	Max. Marks
<b>UNIT-I</b>					
1	a)	Discuss about the steps involved in Creating and Configuring a New Android Project.	L2	CO1	7 M
	b)	Explain The Lifecycle of an Android Activity.	L2	CO1	7 M
<b>OR</b>					
2	a)	Explain about Android's Underlying Architecture, Security and Permissions.	L2	CO1	7 M
	b)	Discuss about Android Manifest File.	L2	CO1	7 M
<b>UNIT-II</b>					
3	a)	Explain about programmatically accessing Android App Resources.	L3	CO2	7 M
	b)	Write about Indicating Activity with Activity Bars and Activity Circles.	L3	CO2	7 M
<b>OR</b>					

4	a)	Demonstrate about Displaying Text to Users with TextView.	L3	CO2	7 M
	b)	Explain about Constraining User Input with Input Filters.	L3	CO2	7 M
<b>UNIT-III</b>					
5	a)	Demonstrate any three Layouts Using XML Resources.	L3	CO2	7 M
	b)	Explain about different types of Dialogs.	L3	CO2	7 M
<b>OR</b>					
6	a)	Explain about Built-in Layout Classes.	L3	CO2	7 M
	b)	Explain about Working with Custom Dialogs.	L3	CO2	7 M
<b>UNIT-IV</b>					
7	a)	Demonstrate on Creating Shared Preferences for Use by Multiple Activities.	L3	CO3	7 M
	b)	Show how Files and Directories can be accessed in an Android App.	L3	CO3	7 M
<b>OR</b>					
8	a)	Explain about Storing Different Types of Preference Values.	L3	CO3	7 M
	b)	Demonstrate on Using the MediaStore Content Provider.	L3	CO3	7 M
<b>UNIT-V</b>					
9	a)	Explain about Publishing Your Application to Google Play.	L3	CO4	7 M
	b)	Demonstrate on Leveraging Android SDK Tools for Android Application Testing.	L3	CO4	7 M
<b>OR</b>					

10	a)	Demonstrate on Packing and Signing Your Application.	L3	CO4	7 M
	b)	Explain about Unit Testing with Junit.	L3	CO4	7 M