

Code: 19CS3701

**IV B.Tech - I Semester – Regular Examinations - DECEMBER 2022**

**MOBILE APPLICATION DEVELOPMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

- Note: 1. This question paper contains two Parts A and B.  
 2. Part-A contains 5 short answer questions. Each Question carries 2 Marks.  
 3. Part-B contains 5 essay questions with an internal choice from each unit. Each question carries 12 marks.  
 4. All parts of Question paper must be answered in one place.

BL – Blooms Level

CO – Course Outcome

**PART – A**

		BL	CO
1. a)	What are the features of Andriod platform?	L2	CO1
1. b)	What is the purpose of toggle buttons?	L2	CO1, CO2
1. c)	What is table layout?	L2	CO1, CO2
1. d)	Explain intent.	L2	CO1, CO3
1. e)	Explain SQLite Database.	L2	CO1, CO3

**PART – B**

			BL	CO	Max. Marks
<b>UNIT-I</b>					
2	a)	Explain Running and debugging the app on Emulator.	L2	CO1	6 M

	b)	How Java and Andriod work together? Explain.	L2	CO1	6 M
<b>OR</b>					
3	a)	Describe the structure of Andriod Java code with example.	L2	CO1	6 M
	b)	What is Andriod stack? Explain the versions available in Andriod.	L2	CO1	6 M
<b>UNIT-II</b>					
4	a)	Demonstrate with an example how we can linking the activities with intent.	L3	CO1, CO2	6 M
	b)	Explain the activity life cycle.	L2	CO1, CO2	6 M
<b>OR</b>					
5	a)	How to add buttons by editing the XML code? Explain with example.	L2	CO1, CO2	6 M
	b)	List out the methods for making the button calls.	L2	CO1, CO2	6 M
<b>UNIT-III</b>					
6		Classify the tips to make a better UI design and also explain how to design a UI.	L2	CO1, CO2	12 M
<b>OR</b>					
7	a)	How to layout data with table layout? Explain.	L2	CO1, CO2	6 M
	b)	Discuss fragments and layout.	L2	CO1, CO2	6 M

<b>UNIT-IV</b>					
8	a)	Summarize shared preferences.	L2	CO1, CO3	6 M
	b)	Explain about passing data between activities.	L2	CO1, CO3	6 M
<b>OR</b>					
9	a)	Explain how to reload data with shared preferences.	L2	CO1, CO3	6 M
	b)	Explain about JSON.	L2	CO1, CO3	6 M
<b>UNIT-V</b>					
10		Describe the significance of SQLite database in Android. Write SQLite example code.	L2	CO1, CO3	12 M
<b>OR</b>					
11		What is SQLite database? Explain the process and code of connecting to a Database.	L2	CO1, CO3	12 M