



**KONERU LAKSHMAIAH
EDUCATION FOUNDATION**
(Deemed to be University, Estd. u/s. 3 of UGC Act 1956)

B.Tech - Even Sem : End Semester Exam
Academic Year:2021-2022

19CS3230R - CROSS-PLATFORM DEVELOPMENT FRAMEWORKS
Set No: 1

Time:		Max.Marks: 100					
S.NO	Answer All Questions	Choice	Options	Marks	CO	CO BTL	COI BTL
1.	What is Function? Explain Different Kinds Functions in Kotlin with Example's	choice Q-2		10Marks	CO1	3	1
2.	Implement Student Ranking System concerning Control Statement in Kotlin			10Marks	CO1	3	1
3.	Describe OOP Concept and Implement the Employee Class with Employee Attributes in Kotlin	choice Q-4		15Marks	CO1	3	2
4.	Define Linear Layout in android and design the student attendance calculator using Linear Layout			15Marks	CO1	3	2
5.	What is Custom Navigation in Android and Implement a suitable example with Custom Navigation?	choice Q-6		10Marks	CO2	3	1
6.	Create Table Layout to Display Student Marks to get the data from the student table from the SQLite3 using Android			10Marks	CO2	3	2
7.	Define COIL Library? Design the Photo Library(Student Choice) to disseminate Photos in GRID View and Scroll view Concepts	choice Q-8		15Marks	CO2	3	3
8.	Explain the DDL and DML Commands in SQLite3? Insert And Select Employee information from the SQLite3 database using Android App?			15Marks	CO2	3	4
9.	Discuss and differentiate between Stateful and stateless widgets and explain with a suitable example?	choice Q-10		10Marks	CO3	3	2
10.	Describe Constructor and How to Create Constructor in Dart and explain about data management using constructor?			10Marks	CO3	3	2
11.	Describe the architecture of the Flutter and Design and implement the stateful widget to student profile page to display the student profile with Profile?	choice Q-12		15Marks	CO3	3	3
12.	Explain the flutter widget and write its importance? Describe the Types of Widgets and explain with the examples?			15Marks	CO3	3	4
13.	What is Signed APK how to Build Signed APK and how to Publish in Android Play Console	choice Q-14		10Marks	CO4	4	2
14.	Define REST API and explain the attributes and functionalites of REST API?			10Marks	CO4	4	2
15.	Describe the Firebase Database? And explain the step step procedure for creating project and setup for android project and explain connection establishment of flutter to Firebase Database	choice Q-16		15Marks	CO4	4	3
16.	Design and Implement the Pollution APP using Pollution REST API and Render the widgets in Flutter			15Marks	CO4	4	4

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