



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Sem Examination, December 2021

Course: Mobile Application Development using Android
Program: B.Tech. CSE-OGI
Course Code: CSMC2006

Semester: V
Time 03 hrs.
Max. Marks:100

Instructions: Attempt all the questions.

SECTION A (All question are objective)

(5Q X 4M = 20 Marks)

S. No.		Marks	CO
Q 1	XML is used to write which all files in android studio project.	4	CO1
Q 2	When activity interaction with user is started the which callback is called In android studio.	4	CO3
Q 3	Is Intent required for following activity: "Activate an SQLite DB Connection"	4	CO4
Q 4	Name the Parent class of all widgets in android.?	4	CO2
Q 5	Write full form of following: APK, AVD, DVK, dp in android application.	4	CO3

SECTION B

(4Q X 10M = 40 Marks)

Q 6	Fill in the blank with appropriate Name: A. Codename of android 7.0 version is B. Codename of android 6.0 version is C. Codename of android 5.0-5.1 version is D. Codename of android 4.4 version is E. Codename of latest android version is	10	CO3
Q 7	Write important points about R.Java and AndroidManifest.xml document in android application. Also elaborate about the purpose of having these documents in Android application.	10	CO4
Q 8	A. Visibility of the activity is handled by what all methods in Android application. B. Discuss and explain the working of methods which handle when the activity gains and loses the focus.	10	CO3
Q 9	Elaborate about Spinner/Button and widely used methods of Spinner/Button widgets.	10	CO2

(You have to discuss about only one widget out of Button and Spinner widgets.)

SECTION-C

(2Q X 20M = 40 Marks)

Q 10

- a) Systematically discuss all components visible in android architecture. (12 Marks)
- b) Explain SQLiteDatabase class working for all methods present in it . (8 Marks)

20

CO4

Q 11

Discuss in detail about any 10 widgets in android. Discuss and explain with example code (both in Java and XML) about intents and its all types. (10+10 Marks)

20

CO3