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UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Term Examination, May 2021

Course: Mobile Application Development   **Semester: VI**
Program: B.Tech. CSE-E-Commerce   **Time 03 hrs.**
Course Code: CSMC3013   **Max. Marks:100**

Instructions: Attempt all the questions.

SECTION A (All question are objective)

S. No.		Marks	CO
Q 1	Which of following is written in XML A. R B. manifest C. layout D. None of these E. B and C only F. A and B only	5	CO1
Q 2	Folder Src contain which of following files A. Java source code B. XML C. manifest D. None of these	5	CO2
Q 3	which of following class store additional information? A. Bundle B. Data store C. Extra D. None of these	5	CO3
Q 4	From following who is first callback method in activity lifecycle which is invoked by the system. A. on Start() B. on Stop() C. Both A & B D. on Create() E. on Restore() F. None of these	5	CO4
Q 5	Which one is NOT a right use for Intents of the following: A. Activate and Activity B. Activate a Service	5	CO1

	C. Both A & B D. Activate a Broadcast receiver E. Activate an SQLite DB Connection. F. None of these		
Q 6	Which of following is parent class of all widgets in Activity? A. View B. ViewGroup C. Layout D. Both A & C E. Widget F. None of these	**5**	**CO2**

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SECTION B

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Q 7	Fill in the blank with appropriate JAVA/XML code:
	    A. Use ……………….. ( ) to get a reference to a view.
	
	    B. Reference a string-array in the layout using Single line XML
	       code………………………….
		10	**CO3**

Q8	Describe AndroidManifest.xml and R.Java file in android.	**10**	**CO4**
Q 9	A. Discuss methods which deal with the visibility of the activity. B. Discuss methods which handle when the activity gains and loses the focus.	**10**	**CO3**
Q 10	Describe Button/Toast and widely used methods of Button/Toast class. (You have to discuss about only one widget out of Button and Toast widgets.)	**10**	**CO2**
Q 11	(match column 1 entities with column2 entities <table><tr><td>column 1: 1. AndroidManifest.xml 2. An APK 3. strings.xml 4. An AVD 5. Spinner is a</td><td>column 2 A. It runs in the Android emulator and mimics a physical Android device B. contains information about the app itself. It lives in the app/src/main folder C. drop-down list of values. D. It's like a JAR file for Android apps, and contains your app bytecode, libraries, and resources.</td></tr></table>	**10**	**CO1**

	E. It's used to separate out text values from the layouts and activities, and supports localization.		

SECTION-C			
Q 12	a) Draw and elaborate about android architecture. (12 Marks) b) Discuss and compare any four methods in SQLiteDatabase class. (8 Marks)	**20**	**CO4**
	Or		
Q 12	Draw and discuss the 7 lifecycle methods of android activity. Write down code for Implicit intents.	**20**	**CO3**