UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: Emerging Technology- Healthcare Mobility **Semester: 6th**
Program: B.Tech. in Healthcare informatics **Time 03 hrs.**
Course Code: CSEG357 **Max. Marks: 100**

Instructions:

SECTION A

S. No.		Marks	CO
Q1	Critically analyze the activity stack?	4	CO3
Q2	Elaborate the design considerations for camera roll in android?	4	CO1
Q3	Discuss the launcher icon?	4	CO2
Q4	Explain the screen support in android?	4	CO2
Q5	Analyze the use of SQL lite in android?	4	CO3

SECTION B

Q6	Demonstrate and Explain the creation and utilization of resources in android?	10	CO4
Q7	Illustrate and analyze the process of debugging in an android application?	10	CO3,CO5
Q8	Discuss the android architecture?	10	CO3

Q9	Critically analyze the following:
	
	  a. Context menu
	  b. Option menu
	
	OR
	
	Demonstrate the following using suitable examples:
	
	  a. Shape drawable
	  b. Nine patch
		10	CO1, CO2

SECTION-C

Q10	Propose and justify the benefits of the following: a. Android widget	20	CO2

	b. Information widget c. Collection widget d. control and hybrid widget		

Q11	Justify the use of following in android:
	
	    a. button
	    b. text field
	    c. checkbox
	    d. radio button
	
	 Or
	Critically discuss the following layouts:
	
	    a. Absolute layout
	    b. Frame layout
	    c. Table layout
	    d. Linear layout
		20	CO1,
			CO4

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Instructions:

SECTION A

S. No.		Marks	CO
Q1	Analyze dialogs in context to android?	4	CO1
Q2	What are the design considerations for camera roll in android?	4	CO1
Q3	Discuss the launcher icon?	4	CO2
Q4	Analyze the screen support in android?	4	CO2
Q5	Analyze the use of SQL lite in android?	4	CO3

SECTION B

Q6	Discuss the management of states in media player.	10	CO5
Q7	Elaborate the process of creating a notification in android?	10	CO4
Q8	Discuss the use of google maps API in context to android?	10	CO3
Q9	Analyze the following in context to action buttons in android: a. Positive b. Negative c. Neutral OR Critically analyze the following: c. Shape draw able d. Nine patch	10	CO1

SECTION-C

Q10	Explain the following services using suitable examples: a. onCreate() b. onStart()	20	CO5

	c. OnResume() d. onPause() e. onDestroy()		

Q11	Illustrate the use of following in android:
	
	    a. label
	    b. toggle button
	    c. spinners
	    d. pickers
	
	                    Or
	
	Discuss the following in context to android:
	
	    a. Bound services
	    b. Unbound services
		20	CO2, CO5