UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, April 2018

Program:	B. Tech CSE (BFSI)	**Semester –** VI
Subject (Course):	Mobile technology for Banking Industry	**Max. Marks** : 100
Course Code :	CSIB415	**Duration** : 3 Hrs
No. of page/s: 3		

Section A (This section has 5 questions attempt all)
(Q1.1 to 2.4 each sub question is objective and carry 1 mark each)

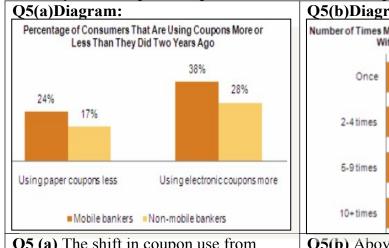|		
1.1 Which one is not belonged to UI controls provided by Android? A-Edit Text, B-Image, C-Comment D-Timepicker	**1.2** How many ways are there to define and instantiate a Drawable? A-2, B-3, C-7, D-5	**CO 1,2,3,4**
1.3 How many generalized densities are grouped by Android? A-4,B-8,C-7, D-6	**1.4** Android categorizes the screen size as a)Small b)Normal c)Large d)All the above	
2.1 By which state New Media Player object is created? a)Paused State b)Idle State c)Started State d)Prepared State	**2.2** How many types of widgets are present in Android? a)7 b)4 c)5 d)2	
2.3 How many components are used in an Android Application? a)4 b)3 c)7 d)83.	**2.4** Which intents do not have a target component name? a)Explicit intents b)Implicit intents c)Extra-Explicit intents d)None of the above	

True or False:

(Q3.1 to 4.4 each sub question is True/False question and carry 1 mark)
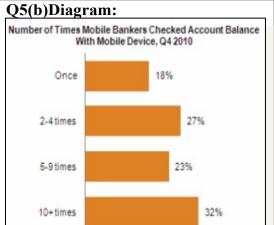
3.1 Tween animation calculates the animation with information such as the start point of an animation. **True/False**	**CO 1,2,3,4**

3.2 Android offers a custom 3D graphics library for drawing for drawing shape and images. **True/False**
3.3 NinePatchDrawable graphic is a non stretchable bitmap image. **True/False**
3.4 HTTPS is supported before Android 3.1. **True/False**

4.1 LocationManager class is instantiated directly. **True/False**
4.2 Shared Preference are used to store small collection of information in the form of key value pair. **True/False**
4.3 Android is a platform for any devices. **True/False**
4.4.Resource Manager is used to manage location related activities using GPS. **True/False**

Q5 Analyze below given diagrams and answer following question: **(2+2=4 Marks)**

Q5(a)Diagram:	Q5(b)Diagram:	CO1, 2
Percentage of Consumers That Are Using Coupons More or Less Than They Did Two Years Ago	Number of Times Mobile Bankers Checked Account Balance With Mobile Device, Q4 2010	
Q5 (a) The shift in coupon use from paper to electronic among mobile bankers emphasizes what?	**Q5(b)** Above Diagram is indicating which property about Mobile Bankers	

Section B
(Question 6, 7 and 8 are compulsory. Attempt any one question 9 OR 10)

Fill in the blanks: **(10 X 1 marks=10 Marks)**	**CO 1,2,3,4**
6.1_____method allows us to create an ArrayAdapter from the string array.	
6.2_____is used to set the display style of the progress dialog.	
6.3_____indicates the action that are most import and frequently performed by the user.	
6.4_____ represents a stretchable bitmap image.	
6.5 Density-independent pixel represents one physical pixel on a _____.	
6.6_____releases the resources that were acquired by the MediaPlayer	
6.7 _____ class is used to present live camera preview for the user on the screen	
6.8 The BroadCastReciever class extends _____.	
6.9 The default data type in the android is _____.	

6.10 Mobile banking for cash management creates templates for repetitive _____ or_____ .	
Q7 Describe architecture of Android. **(10 Marks)**	**CO1,2**
Q8 How Layout managers available in android help the developer. Explain and give Example for Linear layout. How many other Layout managers are there? **(10 Marks)**	CO 3,4
Q9 Which Dialogs are the most frequently used dialog. It comprises of what number of regions, also give names of all regions. **(3+7=10 Marks)** **OR**	**CO3,4**
Q10 Discuss Lifecycle methods of an android widget. **(10 Marks)**	**CO 3**
Section C **(Attempt both questions in section C)**	
11.1 Elaborate SQLiteOpenHelper class uses. **(8 Marks)** **Answer one out of 11.2&11.3:** **11.2** Write down Constructors of SQLiteOpenHelper class, **(12 Marks)** **Or** **11.3** Methods of SQLiteOpenHelper class. **(12 Marks)**	**CO 4,5**
12.1 Elaborate about purpose of SQLiteDatabase class, write down method names of SQLiteDatabase class. **(4+6=10 Marks)** **12.2** Write-down Example code for android SQLite database. **(10 Marks)**	**CO 4,5**

Paper set 2

Roll No: ---------------------------