

# P P SAVANI UNIVERSITY

Fifth Semester of B. Tech. Examination

November 2022

SEIT3081 Mobile Application Programming

Date:25/11/2022

Time: 10:00 a.m. To 12:30 p.m.

Maximum Marks: 60

## Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

## SECTION - I

Q - 1	MCQ/Short Question/Fill in the Blanks (Any Five)	[05]	CO	BTL
(i)	Analyze Android is based on which of the following language? a) Java b) C++ c) C d) Perl	1	1	4
(ii)	Remember APK stands for - a) Android Phone Kit b) Android Page Kit c) Android Package Kit d) None of the above	1	1	1
(iii)	Remember which of the following is contained in the src folder? a) XML b) Java source code c) Manifest d) None of the above	2	1	1
(iv)	Evaluate and tell that which of the following is the topmost layer of android architecture? a) System Libraries and Android Runtime b) Linux Kernel c) Applications d) Applications Framework	1	1	5
(v)	Analyze which of the following is not a nickname of any /android version? a) Donut b) Muffin c) Honeycomb d) Cupcake	1	1	4
(vi)	Understand and select which of the following method is used by services to clean up any services? a) onStop() method b) stopService() method c) onDestroy() method d) stopSelf() method	1	1	2
(vii)	Analyze that In the android content provider architecture, the component that does not resides on data layer is	3	1	4

	a) Internet			
	b) SQLite			
	c) Files			
	d) Content Providers			
Q - 2 (a)	Analyze user events in android.	[05]	3	4
Q - 2 (b)	Evaluate and list out the types of Android layout and give detailed explanation on any one of them.	[05]	2	5
	<b>OR</b>			
Q - 2 (a)	Understand & justify how to Adjust Progress with SeekBar.	[05]	2	2
Q - 2 (b)	Apply Context menu with example	[05]	3	3
Q - 3 (a)	Remember the contents of application manifest file.	[05]	2	1
Q - 3 (b)	Remember the use of checkbox. Explain with example.	[05]	3	1
	<b>OR</b>			
Q - 3 (a)	Understand and specify View versus View Group.	[05]	3	2
Q - 3 (b)	Remember Android SDK and its components.	[05]	2	1
Q - 4	Attempt any one/two.	[05]		
(i)	Apply the concept of creating User Interfaces in Android		3	3
(ii)	Analyze the anatomy of an Android Application		1	3
	<b>SECTION - II</b>			
Q - 1	MCQ/Short Question/Fill in the Blanks (Any Five)	[05]		
(i)	The architecture of Bluetooth is called ____		1	1
	a) Wireless			
	b) Piconet			
	c) Technology			
	d) None of these			
(ii)	What does the line of code achieve of the following? Intent intent = new Intent(FirstActivity.this,SecondActivity.class );		2	5
	a) Starts an activity.			
	b) Creates a hidden Intent			
	c) Creates an implicit Intent			
	d) Create an explicit Intent			
	e) Both B & C			
(iii)	In Android, _____ is a method of storing and fetching primitive data with the help of a key.		2	1
(iv)	Evaluate the prime purpose of a _____ is to serve as a central repository of data where users can store and can fetch the data.		2	5
(v)	Understand and specify what is Web view in android? a) displays content from the web directly inside an application b) displays specific content only c) helps to browse content online d) None of the above		2	3
(vi)	We can play and control the audio files in android by the help of _____ class.		3	4
(vii)	Which class is used to send SMS programmatically? a) SmsSender. b) SmsManager. c) SMS. d) None of the above.		2	1



Q - 2 (a)	Explain creating Private and Shared Preferences with example.	[05]	2	6
Q - 2 (b)	Explain Adding, Updating, and Deleting Preferences with example.	[05]	2	6
<b>OR</b>				
Q - 2 (a)	Explain Content Providers in android.	[05]	3	2
Q - 2 (b)	How do you make an HTTP connection to connect to internet in android?	[05]	2	6
Q - 3 (a)	What is Status Bar Notification?	[05]	2	1
Q - 3 (b)	Explain in detail working with multimedia in android.	[05]	3	4
<b>OR</b>				
Q - 3 (a)	How to Create and Update Database Records in android?	[05]	3	6
Q - 3 (b)	What is Android Web view?	[05]	2	1
Q - 4	Attempt any one/two.	[05]		
(i)	Create an application UI component: Date Picker & Time Picker		2	6
(ii)	Create an application to make Insert, Update, Delete and Retrieve operation on the database.		3	6

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CO : Course Outcome Number

BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply	*
4: Analyze	5: Evaluate	6: Create	*