P P SAVANI UNIVERSITY

Third Semester of B. Tech. Examination
December 2022
SEIT2041 Mobile Application Development

07.12.2022, Wednesday
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

			Marks	CO	BTL
Q - 1		Answer the following. (Any five)	[05]		
(i)		The latest version of Android is _____		1	1
(ii)		NFC stands for _____		1	1
(iii)		The version number of Oreo is _____		1	1
(iv)		Nougat is the first android version. State true or false.		1	1
(v)		OHA stands for _____		1	1
(vi)		SDK stands for _____		1	1
Q - 2 (a)		Write a short note on DVM with the help of a diagram.	[05]	2	2
Q - 2 (b)		Write a short note on android activity life cycle.	[05]	2	4
		OR			
Q - 2 (a)		Explain following android programming terminologies in brief: Content Provider, Broadcast receiver, manifest file, XML file, fragment.	[05]	1	2
Q - 2 (b)		Differentiate between simulator and emulator.	[05]	1	4
Q - 3 (a)		Write a short note on AutoCompleteTextView and TextView with code snippets.	[05]	3	3
Q - 3 (b)		Write a note on android architecture.	[05]	2	2
		OR			
Q - 3 (a)		Differentiate between radio button and radio group with an example.	[05]	3	3
Q - 3 (b)		What do you mean by progressbar and seekbar?	[05]	3	3
Q - 4		Attempt any one.	[05]		
(i)		Write a short note on TableLayout and FrameLayout.		3	3
(ii)		Explain Intent and Toast with code snippets.		4	5

SECTION – II

			Marks	CO	BTL
Q - 1		Answer the following. (Any Five)	[05]		
(i)		Which class is used to send SMS programmatically? a) SmsSender. b) SmsManager. c) SMS. d) None of the above.		1	1
(ii)		The prime purpose of a _____ is to serve as a central repository of data where users can store and can fetch the data.		1	1
(iii)		We can play and control the audio files in android by the help of _____ class.		1	1
(iv)		APK stands for - a) Android Phone Kit b) Android Page Kit c) Android Package Kit d) None of the above		1	1
(v)		Accessing Shared Preferences, like editing and saving them, is done using the _____ method.		1	1

			CO	BTL
(vi)	In Android, _____ is a method of storing and fetching primitive data with the help of a key.		1	1
(vii)	What is Web view in android?		1	2
	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			
Q - 2 (a)	Explain Content Providers in android.	[05]	2	2
Q - 2 (b)	How do you make an HTTP connection to connect to internet in android?	[05]	2	5

OR

			CO	BTL
Q - 2 (a)	How to Create and Update Database Records in android?	[05]	4	5
Q - 2 (b)	What is Android Web view?	[05]	3	4
Q - 3 (a)	Explain creating Private and Shared Preferences with example.	[05]	2	4
Q - 3 (b)	Explain Adding, Updating, and Deleting Preferences with example.	[05]	4	6

OR

			CO	BTL
Q - 3 (a)	What is Status Bar Notification?	[05]	2	5
Q - 3 (b)	Explain in detail working with multimedia in android.	[05]	2	6
Q - 4	Attempt any one.	[05]		
(i)	Create an application to make Insert and Delete operation on the database.		4	6
(ii)	Create an application UI component DatePicker and TimePicker.		4	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