P P SAVANI UNIVERSITY

Fourth Semester of B.Sc.IT Examination
December 2021
SSIT2060 Mobile Application Development

07.12.2021, Tuesday

Time: 12:30 p.m. To 3:00 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	Answer the Following.	[05]
(i)	What is Activity?	
(ii)	What is intent?	
(iii)	SDK stands for_____	
Q - 2 (a)	Explain Activity life cycle.	[05]
Q - 2 (b)	Explain types of layout in android.	[05]
Q - 3 (a)	Create a simple registration form using EditText, Radio Button, and store the user value in Sqlite.	[05]
Q - 3 (b)	Explain the use of RadioButton and RadioGroup with an example.	[05]
Q - 4	Attempt any one.	[05]
(i)	What is Service? Differentiate between Activity and Service.	
(ii)	What are the differences between JVM and DVM?	

SECTION – II

Q - 1	Answer the Following.	[05]
(i)	Which virtual machine is used by the Android operating system?	
(ii)	APK stands for_____	
(iii)	API stands for _____	
Q - 2 (a)	What is SQLite database? How to provide the database connection using SQLite database.	[05]
Q - 2 (b)	What are the type of animation offered by android? When to use each type of animation and how?	[05]
Q - 3 (a)	Explain flash in android.	[05]
Q - 3 (b)	Explain GUI Architecture of android.	[05]
Q - 4	Attempt any one.	[05]
(i)	What is service in Android Application? How to create services, Executing a Service and Controlling It's Restart Behavior in Android.	
(ii)	What is requirement of Kernel layer and library in Android architecture?	

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