

**P P SAVANI UNIVERSITY**  
**P P SAVANI SCHOOL OF ENGINEERING**  
**4<sup>th</sup> Semester of Diploma Examination (1<sup>st</sup> Internal Exam)**

**Subject: Mobile Application Development (IDIT2040)**  
**Branches: CE/IT**

[Date: 27/01/2024, Saturday]

[Time: 10:00 A.M. to 11:00 A.M.]

[Total Marks: 30]

**Instructions:**

- Figures to the right indicate full marks.
- Q 1 & 2 are compulsory.
- Use of scientific calculator is allowed.
- Draw neat and clean drawings & assume suitable data if necessary.

Q. No.	Question	Marks	CO	BTL	PO
<b>Q-1</b>	Attempt the following:	05			
	a) List features of Android Operating System.		1	01	2
	b) Define Android Virtual Devices (AVD).		1	01	2
	c) List all attributes to develop a simple button.		3	05	1
	d) List any four Android Layouts.		2	05	1
<b>Q-2</b>	Explain importance of Android Manifest file in Android application	05	3	02	3
<b>Q-3</b>	Attempt the following (Any two):	10			
<b>A</b>	Differentiate between DVM and JVM.		2	02	3
<b>B</b>	State syntax to create Text View and Image button with any two attributes of each.		3	05	2
<b>C</b>	Describe Android service life cycle along with diagram.		3	02	2
<b>Q-4</b>	Attempt the following (Any two):	10			
<b>A</b>	Describe the Android architecture in detail.		2	04	1
<b>B</b>	Develop a simple calculator using table layout.		2	06	2
<b>C</b>	Write .java file for event handling of Checkbox in android application.		2	06	2

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CO: Course Outcome Number BTL: Blooms Taxonomy Level PO: Program Outcome

## Level of Bloom's Revised Taxonomy in Assessment

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