

# DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

## Supplementary Examination Summer 2024

Course: B. Tech. Branch : Artificial Intelligence and Data Science

Semester : VII

Subject Code & Name: BTAIOE705D Mobile Application Development

Max Marks: 60

Date: 10/07/2024

Duration: 3 Hr.

### Instructions to Students:

1. All the questions are compulsory.
2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in ( ) in front of the question.
3. Use of non-programmable scientific calculators is allowed.
4. Assume suitable data wherever necessary and mention it clearly.

	Level/CO	Marks
<b>Q. 1 Solve Any Two of the following.</b>		<b>(12)</b>
A) Explain Android Libraries?	Remember	6
B) Explain Architecture of Android Operating System?	Remember	6
C) Explain several features of Android Operating System?	Understand	6
<b>Q.2 Solve Any Two of the following.</b>		<b>(12)</b>
A) Explain View in Android?	Create	6
B) Explain Table Layout with an example?	Analyze	6
C) Explain Fragment Life Cycle with an example?	Synthesis	6
<b>Q. 3 Solve Any Two of the following.</b>		<b>(12)</b>
A) Define Notifications in Android? Explain how will you create and trigger Android Notifications?	Understand	6
B) Define Intents? Explain Implicit Intents and Explicit Intents?	Analyze	6
C) Define Android Preference? Explain several modes in which Android preferences can be set?	Remember	6
<b>Q.4 Solve Any Two of the following.</b>		<b>(12)</b>
A) Explain SQLite? Explain few situations where SQLite works well?	Remember	6
B) Explain Connecting to MySQL using JSON?	Analyze	6
C) Explain Inserts, updates, and delete operations while working with Cursors in Android?	Remember	6
<b>Q. 5 Solve Any Two of the following.</b>		<b>(12)</b>
A) Define SMS? Explain the steps to send a SMS from an android device?	Apply	6
B) How will you connect to network and perform various operations in android? Explain with suitable example?	Analyze	6
C) How will you manage Bluetooth Connections in Android? Explain?	Remember	6

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