



44004



BRAINWARE UNIVERSITY

Library
Brainware University
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Term End Examination 2025-2026
Programme – BCA(MAWT)-Hons-2024

Course Name – Android Mobile Application Lab-I
Course Code - BMT47109 (T)
(Semester IV)

Full Marks : 40

Time : 2:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 10=10

1. Choose the correct alternative from the following :

(i) Which method hides a view?

- a) `setEnabled(false)`
- c) `setClickable(false)`

- b) `setVisibility(View.GONE)`
- d) `setAlpha(0)`

(ii) How is data passed between activities?

- a) Adapter
- c) `FragmentManager`

- b) Bundle via Intent
- d) `SharedPreferences`

(iii) Which dialog shows alerts?

- a) `DatePickerDialog`
- c) `AlertDialog`

- b) `TimePickerDialog`
- d) `ProgressDialog`

(iv) Which drawable changes UI based on state?

- a) Shape
- c) Selector

- b) Bitmap
- d) Vector

(v) Which method creates Toast?

- a) `Toast.create()`
- c) `Toast.makeText()`

- b) `Toast.display()`
- d) `Toast.showText()`

(vi) Which method runs on UI thread in AsyncTask?

- a) `doInBackground()`
- c) `onPostExecute()`

- b) `onPreExecute()`
- d) `onCancelled()`

(vii) Which method initializes Looper?

- a) `loop()`
- c) `start()`

- b) `prepare()`
- d) `init()`

(viii) Which class helps execute Runnable on UI thread?

- a) Handler
- c) Executor

- b) Looper
- d) Timer

- (ix) Which component handles concurrency efficiently?
- | | |
|--------------------|-----------|
| a) Activity | b) Thread |
| c) ExecutorService | d) Intent |
- (x) Which Cursor method gets column index?
- | | |
|-----------------|---------------------|
| a) getIndex() | b) getColumnIndex() |
| c) findColumn() | d) columnIndex() |

Group-B

(Short Answer Type Questions)

3 x 5=15

- | | |
|---|-----|
| 2. Explain DML commands in SQLite. | (3) |
| 3. What is the role of ExecutorService? | (3) |
| 4. What is Popup Menu? | (3) |
| 5. What is PagerAdapter? | (3) |
| 6. Explain onUpgrade() method. | (3) |

OR

What is DELETE query in SQLite?	(3)
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Group-C

(Long Answer Type Questions)

5 x 3=15

- | | |
|--|-----|
| 7. Explain dynamic permission handling in Android. | (5) |
| 8. Explain Runnable interface with example. | (5) |
| 9. Explain Looper and MessageQueue. | (5) |

OR

Explain implicit broadcast limitations.	(5)
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