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Seat No. _____

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BACHELOR OF COMPUTER APPLICATION (W.E.F. 2022) BCA (2022) Semester - 6 Examination

BCA (2022) SEMESTER-6 MARCH-2025

CS-31 MOBILE APP.DEV. IN ANDROID USING KOTLIN

Time : 2.5Hours]

[Total Marks : 70

1 (A) Answer the following:

- 1 Define: Kotlin.
- 2 Extension of Kotlin file is _____.
- 3 Multi-line comments in Kotlin is marked with _____.
- 4 Mutable variable can be reassigned. (True/False)

4

(B) Answer in brief (Any one out of two)

- 1 What is Loop?
- 2 Define: Conditional Control Statement

2

(C) Answer in detail (Any one out of two)

- 1 Write a short note on Abstract.
- 2 Explain Functions of Kotlin.

3

(D) Write a note on (Any one out of two)

- 1 Explain Multilevel Inheritance in detail.
- 2 Explain Visibility Modifiers available in Kotlin.

5

2 (A) Answer the following:

- 1 What is Android?
- 2 Kitkat contains API level _____.
- 3 ldpi stands for _____.
- 4 APK found in _____ directory.

4

(B) Answer in brief (Any one out of two)

- 1 What is SDK?
- 2 Define: Emulator.

2

(C) Answer in detail (Any out of two)

3

- 1 What is Drawable?
- 2 Write down the advantages of Android.

(D) Write a note on (Any one out of two)

5

- 1 Explain Intent in detail.
- 2 Explain Activity Life Cycle in detail.

3 (A) Answer the following:

4

- 1 You can add a Text Field to your layout with the ____ object.
- 2 ____ allow the user to select one or more options from a set.
- 3 ____ are the spaces inside the border.
- 4 UI stands for ____.

(B) Answer in brief (Any one out of two)

2

- 1 Define: Time Picker.
- 2 What is Button?

(C) Answer in detail (Any one out of two)

3

- 1 Write a short note on List View.
- 2 Write a short note on Table Layout.

(D) Write a note on (Any one out of two)

5

- 1 What is Dialogs? Explain in detail.
- 2 Explain Animation in detail.

4 (A) Answer the following:

4

- 1 API stands for ____.
- 2 You can query the external storage state by calling ____ method.
- 3 ____ is used to get string values from Shared Preference.
- 4 ____ storage is always available.

(B) Answer in brief (Any one out of two)

2

- 1 What is Schema?
- 2 Define: Contract Class.

(C) Answer in detail (Any one out of two)

3

- 1 What is Shared Intent?
- 2 Write a short note on Shared Preference.

(D) Write a note on (Any one out of two)

5

- 1 Difference between Internal Storage and External Storage.

2 Create Student Database using SQLite and perform Update operation on it.

5 (A) Answer the following:

4

- 1 Location is displayed with ____ and ____.
- 2 Use the ____ method to issue the notification.
- 3 GPS stands for ____.
- 4 ____ is the base class for all services.

(B) Answer In brief (Any one out of two)

2

- 1 Define: Latitude.
- 2 What is Web API?

(C) Answer in detail (Any one out of two)

3

- 1 Write a short note on Telephony API.
- 2 Write a short note on Geocoder Class.

(D) Write a note on (Any one out of two)

5

- 1 Explain different types of Notification in detail.
- 2 What is JSON? Explain with Example.

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