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Seat No. _____

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BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (W.E.F. 2022) BSCIT (2022) Semester - 6 Examination

BSCIT (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 What is MAP in kotlin?
- 2 What is Kotlin?
- 3 What is use of private modifier in kotlin?
- 4 Give full form of OOP.

4

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

- 1 What is inheritance in kotlin?
- 2 What is use of this keyword?

2

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

- 1 Write a code to display "Hello World" in Kotlin.
- 2 Explain function in kotlin with example.

3

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

- 1 Explain if..else statement in kotlin.
- 2 Explain list and set in kotlin with details.

5

2 (A) Answer the following:

- 1 What are use of res directory?
- 2 Give full form of AVD.
- 3 What is use of startService()?
- 4 What is Service?

4

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

- 1 What is permission tag in manifest file?
- 2 What is use of layout directory?

2

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

3

- 1 Explain Intent Filter.
- 2 Explain Context with example.

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

- 1 Explain OHA in details.
- 2 Explain Activity Life Cycle with example.

3 (A) Answer the following:

- 1 What is android:id property?
- 2 What is Dialog?
- 3 What is Margin?
- 4 What is EditText?

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

- 1 What is Table Layout?
- 2 What is TextView?

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

- 1 Explain Relative Layout.
- 2 Explain GridView.

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

- 1 Explain available animation in Android.
- 2 Explain Linear Layout in details.

4 (A) Answer the following:

- 1 Give full form of API.
- 2 What is use of putString() method in Shared Preference?
- 3 What is use of Rawquery() method?
- 4 Which build-in database is android?

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

- 1 What is use of insert() method?
- 2 How to share data between applications?

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

- 1 How to retrieve record in Shared Preference?
- 2 Write a code to perform delete operation in Sqlite.

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

- 1 Explain Storage APIs.

2 Explain Sqlite with example.

5 (A) Answer the following:

- 1 Give full form of LBS.
- 2 Which method is used to issue the notification?
- 3 Give full form of GPS.
- 4 Give full form of JSON?

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

- 1 What is Networking API.
- 2 What is Mapping Location?

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

- 1 Explain Web View in details.
- 2 Explain Geocoding Location.

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

- 1 Explain Notification with example.
- 2 Write a step to deploy android application in android.

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