



DCI-003-2046001

Seat No. _____

B. Sc. (IT) (Sem. VI) (CBCS) Examination

July – 2022

**CS - 31 : Mobile Application Development in
Android Using Kotlin**

Faculty Code : 003

Subject Code : 2046001

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Objective type questions : 4
- (1) Which file extension is used to save Kotlin file ?
 - (2) Kotlin was developed under the _____ license.
 - (3) What is full form of OOP ?
 - (4) Kotlin is developed by _____.
- (B) Attempt any one : 2
- (1) Explain While Loop in Kotlin
 - (2) Explain Modifiers in Kotlin.
- (C) Attempt any one : 3
- (1) Explain Kotlin Datatype.
 - (2) Explain Kotlin Operators.
- (D) Attempt any one : 5
- (1) Explain Kotlin Collections.
 - (2) Explain Array in Kotlin.
- 2 (A) Objective type questions : 4
- (1) What is full form of DVM ?
 - (2) Write down full form of AVD.
 - (3) Which Editor is used for developing android application ?
 - (4) Which is latest Operating System ?

- (B) Attempt any one : 2
- (1) Explain Intent.
 - (2) Explain OHA.
- (C) Attempt any one : 3
- (1) Write down steps to create AVD.
 - (2) Explain latest Operating System.
- (D) Attempt any one : 5
- (1) Write Anatomy of android application.
 - (2) Explain Android Architecture in detail.
- 3** (A) Objective type questions : 4
- (1) What is purpose of toggle button?
 - (2) List any one property of RadioGroup.
 - (3) Which Directory store XML Layout Files in android?
 - (4) Which Control used OnCheckedChangeListener?
- (B) Attempt any one : 2
- (1) Explain GridView.
 - (2) Explain Dialogs.
- (C) Attempt any one : 3
- (1) Explain ListView.
 - (2) Explain Button.
- (D) Attempt any one : 5
- (1) Explain Linear Layout.
 - (2) Explain Relative Layouts in Android.
- 4** (A) Objective type questions : 4
- (1) What is full form of API?
 - (2) What is use of RawQuery() Method?
 - (3) What data types SQLite Support?
 - (4) What is Bundle?
- (B) Attempt any one : 2
- (1) Explain Insert() in SQLite.
 - (2) Explain ExecSQL.

- (C) Attempt any one : 3
- (1) Explain Shared Preference.
 - (2) Write a program to display record in ListView from SQLite.
- (D) Attempt any one : 5
- (1) Explain Cursor with suitable example.
 - (2) Write a program to Add Record using SQLite.
- 5 (A) Objective type questions : 4
- (1) Write down full form of JSON.
 - (2) LBS Stands for _____.
 - (3) What is use of Telephone API ?
 - (4) Which file specifies the minimum required Android SDK in android ?
- (B) Attempt any one : 2
- (1) Explain Location Manager.
 - (2) Explain Network API.
- (C) Attempt any one : 3
- (1) Explain Telephony API.
 - (2) Explain GPS.
- (D) Attempt any one : 5
- (1) Write steps to deploy Android apk.
 - (2) Explain Manifest file.
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