



BACHELOR OF COMPUTER APPLICATION Examination
BCA SEMESTER-6 MARCH 2026 (NEP) MARCH - 2026

CS -35 : MOBILE APPLICATION DEVELOPMENT IN ANDROID USING KOTLIN

Faculty Code : 03

Subject Code : 23SI-BCAP-MA-06-14001

Time : 2 Hours]

[Total Marks : 50

- Q.1 Attempt the following. 3
- (A) (1) Mutable variable are declared using _____ keyword.
 (2) _____ is the file extension for source file in kotlin.
 (3) In method overriding method must have same parameter: true or false.
- Q.1 Attempt any one of the following. 2
- (B) (1) How to define function in kotlin?
 (2) Explain visibility modifiers in detail.
- Q.1 Attempt any one of the following. 5
- (C) (1) What is constructor? Explain types of constructor with example.
 (2) Explain inheritance with example.
- Q.2 Attempt the following. 3
- (A) (1) AVD stands for _____.
 (2) OHA stands for _____.
 (3) When activity is created first time _____ method called.
- Q.2 Attempt any one of the following. 2
- (B) (1) Explain intent with its types.
 (2) Explain Anatomy of Android.
- Q.2 Attempt any one of the following. 5
- (C) (1) Explain Anatomy of Android.
 (2) Explain intent with its types.
- Q.3 Attempt the following. 3
- (A) (1) _____ layout is a layout that organize its children into a single horizontal or vertical row.
 (2) The layout or design of an android application is saved in _____.
 (3) Which tag creates spinner widget in UI?
- Q.3 Attempt any one of the following. 2
- (B) (1) Explain Progress bar.

- (2) Explain RadioButton.
- Q.3 Attempt any one of the following. 5
 (C) (1) Explain different types of layout in detail.
 (2) Explain types of animation.
- Q.4 Attempt the following. 3
 (A) (1) _____ returns a file representing an internal directory for your app.
 (2) DDMS stands for _____.
 (3) execSQL is used for _____.
- Q.4 Attempt any one of the following. 2
 (B) (1) Explain shared preference.
 (2) Explain public file and private file.
- Q.4 Attempt any one of the following. 5
 (C) (1) What is Shared Preferences ? Explain methods for create, search and read shared preference
 (2) What is SQLite Database ? Explain methods for creating and deleting database r
- Q.5 Attempt the following. 3
 (A) (1) JSON stands for _____.
 (2) _____ to check network connection available or not.
 (3) GPS stand for _____.
- Q.5 Attempt any one of the following. 2
 (B) (1) What is WebView?
 (1) What is Geocoder class?
- Q.5 Attempt any one of the following. 5
 (C) (1) Explain Notification and its area & drawer.
 (2) Write steps to publish your android application.

... END OF EXAM ...