



Seat No. _____

003-2036001

BACHELOR OF COMPUTER APPLICATION (W.E.T., 2019) BCA (2019) Semester - 6 Examination

{TERM}

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

{Faculty code}

Subject Code : 003-2036001

Time : 2.5Hours]

[Total Marks : 70

- 1 (A) Answer the following: 4
- 1 Who developed kotlin?
 - 2 Which extension is responsible to save kotlin files?
 - 3 In kotlin, _____ is the default visibility modifier.
 - 4 What is super keyword?
- (B) Answer in brief (Any one out of two) 2
- 1 What is the meaning of interface?
 - 2 What is the meaning of this keyword?
- (C) Answer in detail (Any one out of two) 3
- 1 Explain visibility modifier
 - 2 Explain abstract class
- (D) Write a note on (Any one out of two) 5
- 1 Explain loop in kotlin
 - 2 Explain inheritance in kotlin
- 2 (A) Answer the following: 4
- 1 OHA stands for _____
 - 2 SDK stands for _____
 - 3 NFC stands for _____
 - 4 APK file found in _____ folder.
- (B) Answer in brief (Any one out of two) 2
- 1 What is service?
 - 2 What is Linux Kernel?

- (C) Answer in detail (Any out of two) 3
- 1 Explain Android Manifest.xml file
 - 2 Explain intent filter
- (D) Write a note on (Any one out of two) 5
- 1 Explain Android architecture
 - 2 Explain activity life cycle
- 3 (A) Answer the following: 4
- 1 A ____ allows the user to type text into your application.
 - 2 ____ Enables you to specify the location of child objects relative to each other.
 - 3 What is the meaning of ViewGroup?
 - 4 What is the meaning of fragement?
- (B) Answer in brief (Any one out of two) 2
- 1 What is canvas?
 - 2 List of basic UI? Define any one
- (C) Answer in detail (Any one out of two) 3
- 1 Explain ProgressBar.
 - 2 Explain ArrayAdapter
- (D) Write a note on (Any one out of two) 5
- 1 Explain different types of layout in detail
 - 2 Explain types of animation
- 4 (A) Answer the following: 4
- 1 ____ is used to get string values from SharedPreferences
 - 2 ____ method is used to delete file.
 - 3 In android by default, SQLite database save data in?
 - 4 ____ is the recommended way for sharing data across packages?
- (B) Answer in brief (Any one out of two) 2
- 1 Explain the methods of data storage
 - 2 What is contract class?
- (C) Answer in detail (Any one out of two) 3
- 1 Explain schema
 - 2 How to obtain permission to write data to external storage?

- (D) Write a note on (Any one out of two) 5
- 1 What is SQLite Database? Explain methods for creating and deleting database records.
 - 2 What is Shared Preferences? Explain methods for create, search, read, add, update and delete shared preferences.
- 5 (A) Answer the following: 4
- 1 A _____ service is the server in a client-server interface.
 - 2 To set up a notification so it can be updated issue it with a _____
 - 3 GPS stands for _____
 - 4 Use the _____ method to issue the notification.
- (B) Answer In brief (Any one out of two) 2
- 1 What is LBS?
 - 2 What is WebView?
- (C) Answer in detail (Any one out of two) 3
- 1 List out the components available with notification
 - 2 Explain Android Telephony API
- (D) Write a note on (Any one out of two) 5
- 1 Explain Manage Network Usage
 - 2 Write steps to publish your android application