



BBK-003003620

Seat No. _____

B. C. A. (Sem. VI) (CBCS) Examination

July - 2021

CS - 31 : Mobile Computing Using Android & iPhone

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

[Total Marks : 70

1 Answer the following Questions

[20]

- 1) What is Activity in Android?
- 2) ADT Stands For
- 3) What is Full form of DDMS?
- 4) Write full form of JSON.
- 5) What is Full form of GPS?
- 6) What is Full form of DVM?
- 7) NFC stands for.....
- 8) LBS Stands for
- 9) Which OS comes in Android 2.1.
- 10) Explain SQLITE.
- 11) Widget is known as Tools. State True of False..
- 12) Which permission is required to Send SMS?
- 13) What is Android?
- 14) Which Layout that organize its children into signal horizontal or Vertical Row?
- 15) Which Editor are used for developing android application
- 16) What is Intent?
- 17) What is Orientation?
- 18) What is Activity in Android?
- 19) Which Permission is required to access internet in applications?
- 20) Which permission is used to access contact from phone?

2 (a) Attempt the following (Any Three)

[06]

- 1) List out Android UI Widgets.
- 2) Explain Intent?
- 3) Explain Raw HTML File?
- 4) List out different layouts in android.
- 5) Explain Any TextFiled and TextView in Xcode
- 6) What is emulator?

(b) Attempt the following (Any Three)

[09]

- 1) What is the use of Manifest file in android application? Explain it.
- 2) What is the use of intent in android? Explain it with syntax.

- 3) Write a Step to Create AVD
- 4) What is R.java file?
- 5) Explain Webservice
- 6) Explain Various Notifications.

(c) Attempt the following (Any Two) [10]

- 1) Explain Android Architecture with block diagram.
- 2) Write Steps to upload Application in Play Store.
- 3) Explain Android Activity Life Cycle.
- 4) Write a steps to upload Android App on Google Play.
- 5) What is WebView ? Explain different Methods of WebView with Example.

3 (a) Attempt the following (Any Three) [06]

- 1) Explain Following controls in details.
 - (I) DatePickerDialog
 - (II) AutoCompleteTextView
- 2) Explain TextView and Spinner Control.
- 3) Explain Following controls in details.
 - (I) TextView
 - (ii) EditText
- 4) Explain Drawable.
- 5) Explain Following controls in details
 - (III) Button
 - (IV) ProgressBar
- 6) Explain Telephony API.

(b) Attempt the following (Any Three) [09]

- 1) Explain WebView with example
- 2) Explain Toast.
- 3) What is DVM?
- 4) Explain Intent and Intent Filter.
- 5) Explain Android Platform Architecture in detail.
- 6) Explain Android IDE

(c) Attempt the following (Any Two) [10]

- 1) Write an android code for SMS Receive.
- 2) Write an android code for the Vibrate the phone and Flashlight.
- 3) Explain following widgets with example
 Button 2) Checkbox 3) ProgressBar 4) DatePickerDialog.
- 4) What is the use of Location Manager ? Explain with example of Forward Geocode and Reverse Geocode.
- 5) Explain Cursor with it's Method.