



DCI-003-1046001

Seat No. _____

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

July - 2022

CS - 31 : Mobile Computing Using Android

Faculty Code : 003

Subject Code : 1046001

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

[Total Marks : 70

- 1 (a) Objective type questions : 4
(1) Write down full form of AVD.
(2) Which Editor is used for developing android application?
(3) What is Activity?
(4) Which OS comes in Android 1.5 API?
- (b) Attempt any **one** : 2
(1) Write down steps to create AVD.
(2) Explain OHA.
- (c) Attempt any **one** : 3
(1) Explain Manifest file and its common setting.
(2) Explain Intent.
- (d) Attempt any **one** : 5
(1) Write anatomy of android application.
(2) Explain Android Architecture in detail.
- 2 (a) Objective type questions : 4
(1) Which UI is used to display Text from user?
(2) What is purpose of toggle button?
(3) What does the src folder contain?
(4) When a button is clicked, which listener you can use?
- (b) Attempt any **one** : 2
(1) Explain TextView.
(2) Explain EditText.
- (c) Attempt any **one** : 3
(1) Explain ListView.
(2) Explain frame by frame Animation.
- (d) Attempt any **one** : 5
(1) Explain Liner Layouts in Android.
(2) Explain TableLayout.

- 3 (a) Objective type questions : 4
 (1) What does .apk stand for?
 (2) What is full form of API?
 (3) Which method is used to retrieve record from SQLite in Android?
 (4) What is full form of AVD?
- (b) Attempt any **one** : 2
 (1) Explain Shared Preference.
 (2) Explain ExecSQL.
- (c) Attempt any **one** : 3
 (1) Explain Insert() in SQLite.
 (2) Explain Cursor and its methods.
- (d) Attempt any **one** : 5
 (1) Write a program to display record in ListView from SQLite.
 (2) Write a program to Add Record using SQLite.
- 4 (a) Objective type questions : 4
 (1) GPS stands for _____.
 (2) Which permission is required to use Network API?
 (3) LBS stands for _____.
 (4) What is use of Telephone API?
- (b) Attempt any **one** : 2
 (1) Explain LocationManager.
 (2) Explain GPS.
- (c) Attempt any **one** : 3
 (1) Explain Telephony API.
 (2) Explain Network API.
- (d) Attempt any **one** : 5
 (1) Explain WebView with suitable example.
 (2) Write a program to display Latitude in TextView.
- 5 (a) Objective type questions : 4
 (1) Which permission is used to vibrate phone?
 (2) What is Webservice?
 (3) Write down full form of XML?
 (4) Which file specifies the minimum required Android SDK in Android?
- (b) Attempt any **one** : 2
 (1) Explain Manifest file.
 (2) Explain JSON.
- (c) Attempt any **one** : 3
 (1) List type of Notification in Android.
 (2) Write a program to vibrate phone.
- (d) Attempt any **one** : 5
 (1) Write steps to deploy Application in Play Store.
 (2) Write steps to deploy Android apk.