



RX-003-1036001 Seat No. _____

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

March - 2019

CS - 31 : Mobile Computing Using Android & Iphone

Faculty Code : 003

Subject Code : 1036001

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

[Total Marks : 70

- 1 (A) Attempt the following : 4
- (1) APK file found in _____ folder.
 - (2) ADB stands for _____
 - (3) ADT stands for _____
 - (4) OHA stands for _____
- (B) Attempt any **one** : 2
- (1) What is android?
 - (2) What is Toast class?
- (C) Attempt any **one** : 3
- (1) What is Drawable?
 - (2) Explain AndroidManifest.xml.
- (D) Attempt any **one** : 5
- (1) Explain Activity Life Cycle with Example.
 - (2) Explain Android Architecture.
- 2 (A) Attempt the following : 4
- (1) _____ is a layout that organizes its children into a horizontal or vertical row.
 - (2) _____ displays the web pages.
 - (3) _____ allows the user to type text into your app.
 - (4) If you want to provide suggestions to users as they type, you can use _____.

- (B) Attempt any **one** : **2**
- (1) What is AutoCompleteTextView?
 - (2) What is canvas?
- (C) Attempt any **one** : **3**
- (1) Explain DatePicker with Example.
 - (2) Explain Progressbar with Example.
- (D) Attempt any **one** : **5**
- (1) Explain Simple Cursor Adaptor.
 - (2) Explain different types of Layout in detail.
- 3** (A) Attempt the following : **4**
- (1) Small collection of key values that you would like to save, you should use the _____ APIs.
 - (2) Binary data is shared using the _____
 - (3) To create temporary file in internal cache directory _____ is useful.
 - (4) _____ returns a File representing an internal directory for your app.
- (B) Attempt any **one** : **2**
- (1) Methods of data storage.
 - (2) What is schema?
- (C) Attempt any **one** : **3**
- (1) Create application to send text using whatsapp.
 - (2) Explain SharedPreferences with example.
- (D) Attempt any **one** : **5**
- (1) Create an application to save file on Internal Storage.
 - (2) Create an application on a given employee table to get user input and store it in application using SQL Helper :
Fields like: empid, empname, empsalary
Also perform read operation on the given table.

- 4 (A) Attempt the following : 4
- (1) GPS stands for _____
 - (2) LBS stands for _____
 - (3) ANR stands for _____
 - (4) Use the _____ method to issue the notification.
- (B) Attempt any **one** : 2
- (1) What is Service?
 - (2) What is webview?
- (C) Attempt any **one** : 3
- (1) Explain Android Telephony API.
 - (2) What is Notification? Explain Different types of notifications with example.
- (D) Attempt any **one** : 5
- (1) Explain Geocoding location.
 - (2) Write steps to publish your android application.
- 5 (A) Attempt the following : 4
- (1) _____ is used as basic development language of iPhone app
 - (2) The _____ is the user interface or what the user sees and interacts with.
 - (3) _____ is an IDE containing a suite of software development tools developed by Apple.
 - (4) MVC stands for _____
- (B) Attempt any **one** : 2
- (1) What is Xcode?
 - (2) What is Controls?
- (C) Attempt any **one** : 3
- (1) Write a note on Cocoa Touch in iPhone.
 - (2) Write a note on WC in iPhone.
- (D) Attempt any **one** : 5
- (1) Explain XCode IDE in detail.
 - (2) Explain Empty Application in iPhone.