



BBK-003-1036001

Seat No. _____

B. C. A. (Sem. VI) (CBCS) (WEF-2016) Examination

July - 2021

**CS-31 : Mobile Computing Using Android &
iphone**

Faculty Code : 003

Subject Code : 1036001

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

[Total Marks : 70

Instructions : Attempt any five question.

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|---|--|---|
| 1 | (A) Objective type questions: | 4 |
| | (1) APK stands for _____. | |
| | (2) SDK stands for _____. | |
| | (3) OHA stands for _____. | |
| | (4) DVM stands for _____. | |
| | (B) What are Activities? | 2 |
| | (C) Explain Intent. | 3 |
| | (D) Explain Android Architecture. | 5 |
| 2 | (A) Objective type questions: | 4 |
| | (1) ADB stands for _____. | |
| | (2) ADT stands for _____. | |
| | (3) _____ Company purchased Android. | |
| | (4) Toast is a _____ in android. | |
| | (B) What is .apk file ? | 2 |
| | (C) What is Drawable ? | 3 |
| | (D) Explain Activity Life Cycle with Example. | 5 |
| 3 | (A) Objective type questions : | 4 |
| | (1) The layout or design of an android application is saved in _____. | |
| | (2) _____ Layout is a layout that organizes its children into a single Horizontal or vertical row. | |
| | (3) Which tag creates TextView widget in UI? | |
| | (4) Which view display web pages? | |

- (B) What is ListView? 2
- (C) Explain AndroidManifest.xml file. 3
- (D) Explain Linear Layout and Relative Layout. 5
- 4 (A) Objective type questions : 4
- (1) _____ allows the user to type text into your app.
- (2) If you want to provide suggestions to users as they type, you can use _____.
- (3) _____ Animation by performing a series of transformation on a single image with an animation.
- (4) When the user selects a checkbox, the Check Box object receives an _____ event.
- (B) What is canvas? 2
- (C) Explain Progressbar with Example. 3
- (D) Explain SimpleCursorAdaptor. 5
- 5 (A) Objective type questions: 4
- (1) _____ method is used to delete file.
- (2) Binary data is shared using the _____.
- (3) _____ returns a File representing an internal directory for your app.
- (4) Small collection of key values that you would like to save, you should use the _____ APIs.
- (B) What is schema? 2
- (C) Explain SharedPreferences with example. 3
- (D) Create an application to save file on internal storage. 5
- 6 (A) Objective type questions : 4
- (1) Built-in database in android _____.
- (2) _____ modify a subset of your database values.
- (3) _____ enables you to get index of column.
- (4) _____ method is used to query blank space.
- (B) What is External Storage? 2
- (C) How to retrieve available free space in your mobile? 3
- (D) Create a database using SQL Helper with example. 5
- 7 (A) Objective type questions: 4
- (1) GPS stands for _____.
- (2) LBS stands for _____.
- (3) The location is displayed with _____ and _____.
- (4) Which class is used to access location services in android ?

- (B) What is MapView ? 2
 (C) What is longitude and latitude ? 3
 (D) Explain GeoCoding Location. 5
- 8 (A) Objective type questions : 4
 (1) The key class in the Google Maps Android API is _____.
 (2) Use the _____ method to issue the notification.
 (3) To set up a notification so it can be updated, issue it with a _____.
 (4) IPC stands for _____.
 (B) What is bindservice() ? 2
 (C) Explain START_STICKY. 3
 (D) Write a step to publish android application. 5
- 9 (A) Objective type questions : 4
 (1) The _____ in Xcode helps you manage the many images you'll use for your app user interface.
 (2) MVC stands for _____.
 (3) The _____ is the user interface or what the user Sees and interacts with.
 (4) The _____ manages the communication between the view and the model.
 (B) What is Xcode? 2
 (C) What is Control State? 3
 (D) Explain MVC framework in detail. 5
- 10 (A) Objective type questions: 4
 (1) _____ is used as basic development language of iPhone app.
 (2) In iPhone _____ operating system is used.
 (3) _____ also takes the cha-anged data and communicates back to the model.
 (4) The _____ represent the data in your application.
 (B) What is Control event? 2
 (C) What is Empty Application? 3
 (D) Explain Cocoa Touch in details. 5