



**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.

- 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-nge-d 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