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 SharedPreference 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-nged 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

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