



PF-003-003620

Seat No. _____

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

July - 2018

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

Faculty Code : 003

Subject Code : 003620

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

[Total Marks : 70

1 Answer the following : 20

- (1) Give full form of OHA.
- (2) _____ Company purchased android in _____ year.
- (3) What is .apk file?
- (4) Which widget is used to provide suggestions to user as they type?
- (5) _____ enables us to specify the location of child objects relative to each other.
- (6) To read records from database, which method is used?
- (7) What is Notification?
- (8) List out Standard types of Button in iPhone.
- (9) .dex stands for _____
- (10) To send multiple images, which action is used?
- (11) LBS stand for _____
- (12) _____ is used to set minimum android platform API level on which your application will run.
- (13) What is Controller in MVC?
- (14) Give full form of adb.
- (15) Which tag creates Button Widget in UI ?
- (16) JSON stands for _____

- (17) Which permission is used to write data in external storage?
- (18) What is Control State in iPhone?
- (19) Which method is used to removes all of the notifications you previously issued?
- (20) Which IDE is used for iPhone?

2 (A) Attempt Any Three : 6

- (1) What is Drawable?
- (2) Explain Toast class.
- (3) Explain MCC & MNC qualifier.
- (4) What is Canvas?
- (5) What is R. Java File?
- (6) Explain TimePicker.

(B) Attempt Any Three : 9

- (1) Explain Geocoder.
- (2) Explain Manifest.xml in detail.
- (3) What is Activity? Explain Life Cycle of it.
- (4) What is AysncTask?
- (5) Explain Toggle Button with Example.
- (6) How to create an alias resource in android?

(C) Attempt Any Two : 10

- (1) Explain Android Architecture.
- (2) Explain Spinner widget with example.
- (3) Explain Grid Layout.
- (4) What is Intent? Explain different types of it.
- (5) Create an application to get user input & store it in application using SQLiteDatabase.

Database : ProductManagement

Table : Product

Fields : pid,pname,pprice,pdescription

- 3 (A) Attempt Any Three : 6**
- (1) Give difference between Regular Activity & Special Activity.
 - (2) What is MapView?
 - (3) Explain START STICKY.
 - (4) Explain TextField in iPhone.
 - (5) What is Shared Preferences?
 - (6) Explain Qualifier name rules.
- (B) Attempt Any Three : 9**
- (1) Explain MVC Architecture.
 - (2) What is WebView? Explain with example.
 - (3) Explain Cocoa Touch in detail.
 - (4) Explain Phone Vibration with example.
 - (5) Explain how to receive data from other apps?
 - (6) Write a note on External Storage.
- (C) Attempt Any Two : 10**
- (1) Write a note on SQLiteDatabase.
 - (2) Write a step to publish App in Android.
 - (3) Create an application that provide phone (cell) detail like (IMEI, SimNo, Operator Name etc...)
 - (4) What is Android Service? Explain methods of it.
 - (5) Explain Xcode in detail.
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