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

June / July – 2017

CS-31 : Mobile Computing using Android & I-Phone

Faculty Code : 003
Subject Code : 003620

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Attempt following questions :   **20**

   (1)   Give full form of ADT.

   (2)   Give full form of DVM.

   (3)   Base Columns interface automatically add primary key called _____

   (4)   Hdpi stands for _____

   (5)   Widget is known as _____

   (6)   What is MNC ?

   (7)   Android is server operating system, is true or false ?

   (8)   Margins are space outside the border, is true or false ?

   (9)   Binary data is shared using the _____.

   (10) Which method is used to delete file ?

   (11) Which method is used to query free space ?

   (12) Give full form of LBS.

   (13) Give full form of GPS.

   (14) _____ to perform a GET and download your data.

   (15) _____ is a visual design editor that's integrated into Xcode.

   (16) Which class having useful set of APIs for database operations ?

(17) Which part of MVC, represents the data in your application?

(18) Which part of MVC, manages the communication between view and the representation of the data in your application?

(19) Name Your Application using _____.

(20) AIDL stands for _____.

2 (a) Attempt any **three** : 6

(1) What is DVM ?

(2) What is Shared Preferences?

(3) What is Control state in i-phone ?

(4) What is Implicit intent?

(5) What is Explicit intent ?

(6) What is android ?

(b) Attempt any **three** : 9

(1) What is application?

(2) What is .apk file ?

(3) What is .dex file?

(4) Explain Contract Class.

(5) What is schema ?

(6) What is AsyncTask ?

(c) Attempt any **two** : 10

(1) Explain Activity life cycle with example.

(2) Explain Android Architecture

(3) Explain Checkbox in detail with example.

(4) Explain GeoCoding location.

(5) Steps to get SIM status and its details.

3   (a)   Attempt any **three** :   6

         (1)   What is LBS ?

         (2)   What is View?

         (3)   What is Canvas ?

         (4)   List various layouts and define any one.

         (5)   What is Res?

         (6)   What is DDMS ?

     (b)   Attempt any **three** :   9

         (1)   What is regular activity ?

         (2)   What is special activity ?

         (3)   What is notification ?

         (4)   What is bound service ?

         (5)   Explain intent filter.

         (6)   Explain Button shadow in i-phone.

     (c)   Attempt any **two** :   10

         (1)   Steps to publishing your android app.

         (2)   Write a note on various intent types.

         (3)   Write a note on spinner widget with example.

         (4)   Explain OHA.

         (5)   Explain android history in detail.

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