MAL-003-039503   Seat No. _____

B. Voc. (ACTECH) (Sem. V) (CBCS) Examination

October / November – 2016

ACTECH 5.3 : Mobile Computing With Android

Faculty Code : 003
Subject Code : 039503

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

1   Answer Following Questions :   **20**

(1)   Which is First Android Mobile?

(2)   Which OS have Android 1.5 and API level 3?

(3)   Which folder contains layout and design related xml files?

(4)   Widget is known as _____.

(5)   State True or False : Source codes(.java) file stores under src folder.

(6)   LBS stands for?

(7)   Which Editor is used to develop android applications?

(8)   List different type of Drawable Resource.

(9)   Write a Full form of DVM.

(10)   Write a Full form of GPS.

(11)   What is Splash Screen?

(12)   Which package is required for Networking API ?

(13)   Android architecture is combination of ....

(14)   Which UI is used to display Text?

(15)   Write a Full form of AVD.

(16)   Write a Full form of adb.

(17)   Which Layout that organize its children into single Horizontal or Vertical Row ?

(18)   Android 4.1 comes with which OS ?

(19)   Write a Full Form of OHA.

(20)   Which provide accurate location ? GPS or Mobile Network Operator ?

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

      (1) Explain any Two Android Terminology.

      (2) Explain OHA in detail.

      (3) Explain GEN, RES and Assets.

      (4) Explain Telephony API.

      (5) Explain TextView and EditText.

      (6) Explain Button Control.

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

      (1) Write a Steps to create a AVD.

      (2) Write a Steps to build "hello World" Application.

      (3) Explain Android SKD.

      (4) Explain Service in detail.

      (5) Explain Networking API with it's method.

      (6) Write a program to send some data from one
           Activity to another Activity.

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

      (1) Explain Android Application Framework.

      (2) Explain Layouts in detail.

      (3) Explain Broadcast Receiver in detail.

      (4) Explain Android IDE.

      (5) What is Shared preference ? Write a suitable
           example of it.

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

      (1) Explain ListView.

      (2) Explain Android Manifest.xml.

      (3) Explain DVM.

      (4) Explain Bundle.

      (5) Explain various types of Files in Android.

      (6) Explain JSON.

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

     (1)   Explain types of Notification in detail.

     (2)   Write a Program to populate ListView Control.

     (3)   Write Steps to upload applications in Play Store.

     (4)   Explain SQL Helper Class and it's method.

     (5)   Explain Intents and type of intents.

     (6)   Explain Cursor with it's Method.

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

     (1)   Explain Location Based Services.

     (2)   Explain Webview with various methods.

     (3)   Write a Step of deploying Android Applications.

     (4)   Explain Anatomy of Android Application in detail.

     (5)   Write a Program to Add, Delete and Display Record using SQL Helper Class.

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