HCN-003-039503 Seat No. _____

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

October – 2017

ACTECH-5.3 : Mobile Computing with Android

Faculty Code : 003
Subject Code : 039503

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

1 Answer the following questions :   **20**

(1) Which Layout that organize its children into signal horizontal or Vertical Row ?

(2) What is full form of DVM, LDPI ?

(3) LBS stands for _____.

(4) Widget is known as Tools. State True or False.

(5) Which package is required to check the current status of voice call in handset ?

(6) GPS, ADT stands for _____.

(7) Which editors are used for developing android application ?

(8) Which UI is used to display Text ?

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

(10) Which OS comes in Android 2.1 ?

(11) What is Activity in Android ?

(12) Which is First Android Handset ?

(13) Which permission is required to access internet in applications ?

(14) Explain SQLITE.

(15) NFC stands for

(16) Which is latest android version ?

(17) Write full form of DDMS.

(18) What languages does Android support for application development ?

(19) Which company developed android ?

(20) Android is based on which kernel ?

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

    (1) Explain OHA

    (2) Explain TextView and EditText.

    (3) Explain Drawable

    (4) Write a code for display "Hello World" using Toast.

    (5) Explain following controls with any two properties

        (i) CheckBox

        (ii) RadioButton

    (6) Explain Raw HTML file.

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

    (1) Explain Telephony API.

    (2) Explain Network API.

    (3) Explain Activity Life Cycle in detail.

    (4) Write a program to open google.com in WebView

    (5) Explain Intent and Intent Filter.

    (6) Explain Android IDE

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

    (1) Explain various layouts in Android.

    (2) Explain Android Architecture in detail.

    (3) Write a program to display records in ListView Control.

    (4) Write steps to create Sample Android Application.

    (5) Write steps to upload application in Play Store.

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

   (1)   Write a program to vibrate mobile phone.

   (2)   Which permission is required to send sms and receive sms ?

   (3)   Explain GPS

   (4)   Explain DVM

   (5)   Explain any two android Terminologies

   (6)   Explain JSON.

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

   (1)   Explain WebService

   (2)   Write a program to share data between activities

   (3)   Write a step to create AVD.

   (4)   Explain various notifications.

   (5)   Explain Spinner Control with example.

   (6)   Explain LBS.

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

   (1)   Explain Broadcast Receiver in detail.

   (2)   Write steps to Deploy.apk file.

   (3)   Write a program to create and retrieve shared preference value.

   (4)   Explain Cursor with its method.

   (5)   Explain Manifest file and its common setting.

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