



MCR-003-039503

Seat No. _____

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

May / June - 2018

ACTECH - 5.3 : Mobile Computing Using Android

Faculty Code : 003

Subject Code : 039503

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

[Total Marks : 70

1 Answer the following questions : 20

- (1) What is Full form of DVM, LDPI ?
- (2) LBS Stands for _____.
- (3) Widget is known as Tools. State True or False.
- (4) GPS and DDMS Stands For _____.
- (5) Which Editor are used for developing android application ?
- (6) Which UI is used to display Text ?
- (7) Which folder contains layout and design related xml files ?
- (8) Which OS comes in Android 2.1 ?
- (9) What is Activity in Android ?
- (10) What is the APK format ?
- (11) NFC stands for ?
- (12) What is emulator ?
- (13) What is an explicit Intent ?
- (14) What is an android manifest file ?
- (15) What is viewGroup in android ?
- (16) What is a service in android ?
- (17) How do you pass the data to sub-activities android ?
- (18) What is use of web view in Android ?
- (19) What is ADB in android ?
- (20) How to launch an activity in android ?

- 2** (a) Attempt the following : (any **three**) **6**
- (1) Explain OHA.
 - (2) What is ArrayAdapter ?
 - (3) List out Button Attributes.
 - (4) How to change image in ImageView programmatically ?
 - (5) Explain JSON.
 - (6) Give the syntax of ArrayList. (String type)
- (b) Attempt the following : (any **three**) **9**
- (1) Explain WebView with example.
 - (2) Explain Network API.
 - (3) Explain Telephony API.
 - (4) Explain Intent and Intent Filter.
 - (5) List out different Types of 2D animation in android.
 - (6) List out different types of View animations. Explain any one.
- (c) Attempt the following : (any **two**) **10**
- (1) Explain Android Architecture in detail.
 - (2) List out different types of layouts in android. Explain any two layouts.
 - (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) Explain TextView, Spinner Control and EditText.
 - (2) Explain Drawable.
 - (3) How to get and set Text in android programmatically ?
 - (4) Explain following controls in details :
 - (I) CheckBox
 - (II) RadioButton
 - (5) What is DVM ?
 - (6) Explain RawHTML.

- (b) Attempt the following : (any **three**) **9**
- (1) Explain Android IDE.
 - (2) What is R.java file ? Explain it.
 - (3) Explain WebService.
 - (4) Write a Program to share data between activities.
 - (5) Explain Various Notifications.
 - (6) Explain LBS.
- (c) Attempt the following : (any **two**) **10**
- (1) Explain Cursor with it's Method.
 - (2) Write a Program to Create and Retrieve Shared Preference Value.
 - (3) Write a Steps to Deploy .apk file.
 - (4) Explain Broadcast Receiver in detail.
 - (5) Explain activity life cycle.
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