[A-30]

SARDAR PATEL UNIVERSITY
M.Sc. (Information Technology)
3rd Semester
Subject: Mobile Application Development Using Android and Windev
(PS03EINT04)

Date: 30/04/2015   Marks: 70
Time: 2:30P.M To 5:30P.M

Q:1   **Give Answers of following Multiple Choice Questions**   **[8]**

[1]   _____ is the extensions of Android application file.
   (A)   .adk   (B)   .java
   (C)   .apk   (D)   None of these

[2]   Android is own by _____.
   (A)   Google   (B)   Microsoft
   (C)   Apple   (D)   None of the above

[3]   Which type of dialog is only provided by Android?
   (A)   Model   (B)   Modeless
   (C)   Both A and B   (D)   All of these

[4]   _____ is a very lightweight database which comes with AndroidOS.
   (A)   SQL   (B)   Sybase
   (C)   SQLite   (D)   None of the above

[5]   _____ is an extension of windev project file.
   (A)   .wdv   (B)   . wpp
   (C)   .frm   (D)   All of the above

[6]   WLanguage is Integrated with _____
   (A)   4GL   (B)   5GL
   (C)   6GL   (D)   None of these

[7]   _____ Data type in WLanguage recommended managing the characters
and the character strings.
   (A)   Char   (B)   Delegates
   (C)   String   (D)   All of these.

[8]   WinDev Mobile   enable you to manage data files in _____.
   (A)   HyperFIleSQL   (B)   SQL
   (C)   Sybase   (D)   None of these.

P.T.O

Q-2   **Answer the Following Short Questions (Any Seven)**   **[14]**

[1]   What is Android Operating System?

[2]   What is Activity in Android?

[3]   Define Toast in Android.

[4]   List Android versions with its code name.

[5]   Differentiate between Menu and Option Menu.

[6]   Write syntax for insert() function of SQLiteDatabase class object.

[7]   What is a WLanguage? Enlist its characteristics.

[8]   Define local and global variable of WLanguage?

[9]   What is HyperFileSQL ?

Q:3 **[A]** Explain Android architecture with the help of Figure.   **[6]**

  [B] What you mean by Resources? Explain various resources types.   **[6]**

<div align="center">OR</div>

  [B] Explain Activity lifecycle phases.   **[6]**

Q:4 **[A]** Explain various Types of Dialogs supported in Android.   **[6]**

  [B] Explain how Menu and Context menus are managed by android application.   **[6]**

<div align="center">OR</div>

  [B] List down and define data storage options in Android.   **[6]**

Q-5 **[A]** Explain various types of mobile application developed in Windev.   **[6]**

  [B] Write a note on Windev IDE.   **[6]**
<div align="center">OR</div>
  [B] What is WinDev? describe WinDev usage.   **[6]**

Q-6 **[A]** Which are the different data types supported in WLanguage?   **[6]**

  [B] List and explain the characteristics of the HyperfileSQL.   **[6]**

<div align="center">OR</div>

  [B] Explain the following Database functions.   **[6]**
    1)HAdd()
    2)HDelete()
    3)HModify()

<div align="center">—✕—</div>