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**SARDAR PATEL UNIVERSITY**  
**M.Sc. (INFORMATION TECHNOLOGY)**  
**SEMESTER - III**  
**COURSE:PS03EINT04**

Subject : Mobile Application Development Using Android and Windev

Date: 21/04/2018

Total Marks: 70

Time : 10:00 am to 01:00 pm

**Q.1 Multiple Choice Questions.****[08]**

- 1 Android is Developed by \_\_\_\_\_  
 A. Apple  
 B. Google  
 C. Microsoft  
 D. Samsung
- 2 \_\_\_\_\_ is the extension of Android application file.  
 A. .exe  
 B. .akp  
 C. .apk  
 D. .java
- 3 \_\_\_\_\_ method is called only once in the lifecycle of an activity.  
 A. onDestroy()  
 B. onInit()  
 C. onCreate()  
 D. onStatus()
- 4 \_\_\_\_\_ is a very lightweight database which comes with AndroidOS.  
 A. SQL  
 B. Sybase  
 C. SQLite  
 D. Python
- 5 \_\_\_\_\_ is an extension of Windev project file.  
 A. wpp  
 B. wdv  
 C. frm  
 D. None of these
- 6 WLanguage is integrated with \_\_\_\_\_  
 A. 3GL  
 B. 4GL  
 C. 5GL  
 D. None of these
- 7 \_\_\_\_\_ is the extension use for hyperfile databases.  
 A. .accdb  
 B. .dbf  
 C. .mdb  
 D. .fic
- 8 \_\_\_\_\_ datatype in WLanguage recommended managing the characters and the character strings.  
 A. char  
 B. String  
 C. Varchar  
 D. Numeric

**Q.2 Answer the following Short Questions. (Attempt any Seven) [14]**

- 1 What is Android?
- 2 List Android versions with its code name.
- 3 What is Activity in Android?
- 4 Define Toast in Android.
- 5 What is SQLite?
- 6 What is Windev?

C.P.T.O.)

- 7 List various applications which can be developed by using Windev Mobile Software.
- 8 What is WLanguage? Explain in brief.
- 9 What is HyperFileSQL?

**Q.3 Do as Directed.**

[A] Explain Android Architecture with the help of figure. [06]

[B] What do you mean by Resources? Explain various resources types. [06]

**OR**

[B] Write a note on Components of Android. [06]

**Q.4 Do as Directed.**

[A] Explain SQLite Architecture. [06]

[B] Explain how Android applications manage menu and Context menus. [06]

**OR**

[B] Explain various types of Dialogs supported in Android. [06]

**Q.5 Do as Directed.**

[A] Write the advantages of Windev and characteristics of WLanguage. [06]

[B] List various Windev mobile application features. [06]

**OR**

[B] What is Operators? List and explain any three operators used in WLanguage. [06]

**Q.6 Do as Directed.**

[A] List any six datatype used in Windev. Explain any three with example. [06]

[B] List and explain the characteristics of the Hyperfilesql. [06]

**OR**

[B] Explain the following Database functions. [06]

1. HAdd()
2. HDelete()
3. HModify()