

(57)

No. of Printed Pages | 2

SL

SARDAR PATEL UNIVERSITY

M.Sc. in Information Technology

Semester III External Examination, October 2018

PS03EINT24 : Mobile Application Development using Android & Windev

Date: 02-11-2018

Time: 02:00PM to 05:00PM

Total Marks: [70]

Friday

Q.1 Answer the following multiple choice questions: 08

1. Who is founder of Android?

[A]. James Gosling [C]. Bill Gates

[B]. E. Balagurusamy [D]. Andy Rubin

2. Which folder contains R.java file?

[A]. src [B]. res [C]. bin [D]. gen

3. What is the base class for SQLite?

[A]. SQLiteOpenHelper [C]. SQLiteDatabase

[B]. SQLiteOpenHelper [D]. None

4. Android is developed by _____.

[A]. Google [B]. Microsoft [C]. Samsung [D]. Nokia

5. Which method is used on activity diagram when user interacts with the activity?

[A]. onStart() [B]. onResume() [C]. onCreate() [D]. onStop()

6. _____ is an extension of Android application file.

[A]. dll [B]. cpp [C]. exe [D]. apk

7. Which method field is useful when dialog method is carrying?

[A]. showDig() [C]. showStart()

[B]. showDisplay() [D]. showDialog()

8. _____ is very light-weight database which comes with Android OS.

[A]. SQL [B]. SQLite [C]. Sybase [D]. None

①

(P.T.O)

Q.2 Write the answers in short: [Attempt Any 7] 14

1. List various Windev Mobile Application Features.
2. What is cursor in Android?
3. Explain query() function in short.
4. What is Intent?
5. Define toast in Android.
6. What is WLanguage? Explain in brief.
7. Explain the term SQLite? List standard SQLite commands.
8. What is Android? List various versions of Android.
9. List various applications which can be developed using Windev Mobile Software.

Q.3 Answer the following questions in detail

- [A] Write a note on Android Architecture with diagram. 06
- [B] Write a program to find maximum of two numbers in Android.[Only MainActivity.java] 06
- OR
- [B] Write a note on components of Android. 06

Q.4 Answer the following questions in detail

- [A] List UI components and Explain any three with its method & properties. 06
- [B] Write a note on Life Cycle of Android activity with diagram. 06
- OR
- [B] List & explain various resource types. 06

Q.5 Answer the following questions in detail

- [A] Write a note on layouts in Android. 06
- [B] Explain Content Provider class in detail. 06
- OR
- [B] Write a note on SQLite Architecture in Android. 06

Q.6 Answer the following questions in detail

- [A] List & explain Android Dialogs. 06
- [B] Write a note on Windev Mobile IDE. 06
- OR
- [B] Explain structure of Android Application in detail. 06

— X —
②