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EXAMINATION : JUNE - 2022
SEMESTER - VI

Sub: Android BCA-(642-18) / Current Trends in IT (BCA-642)

Date : 28/06/2022   **Total Marks : 60**   **Time: 2.00 pm to 4.30 pm**

Instructions:
1. *All questions are compulsory unless and otherwise stated.*
2. *Bold figures to the right of every question are the maximum marks for that question.*
3. *Candidates are advised to attempt questions in order.*
4. *Answers written illegibly are likely to be marked zero.*
5. *Use of scientific calculators, Log tables, Mollier Charts is allowed.*
6. *Draw neat and labelled diagrams wherever necessary.*

Q.1.   **Fill in the blanks.**   **(5)**

1. Android manifest file is in __format.

   a) java   b) Javascript

   c) C#   d) XML

2. Android is ___

   a) an operating system   b) a web browser

   c) a web server   d) tool

3. we stop the services in android using _____method

   a) by using stopself() & stopservice()   b) finish()

   c) system.exit()   d) end()

4. APK stands for ___

   a) android page kit   b) android package kit

   c) android phone kit   d) android plane kit

5. _____ virtual machine is used by the Android operating system

   a) Java   b) simple

   c) android   d) Dalvik

Q.2.   **State True/False.**   **(5)**

1. Android is open sourced.

2. In paused state the activity is not in focus, but still visible on the screen

3. Oracle is the built-in database of Android

4. Log class in android displays information for a short period of time and disappears

5. Activity is one of the components in android

Q.3. **Answer the following. (Solve any 5)** **(10)**

1. What is APK?

2. What are the contents of drawable folder?

3. What R.java file contains?

4. What is Sqlite?

5. What is the role of DVM?

6. In database handling, why getWritableDatabase() is called?

Q. 4. **Answer the following in detail. (Solve any 6)** **(30)**

1. List the methods called in life cycle of Activity and explain in detail.

2. Write any five android features.

3. Write down sectional code to create context menu.

4. What is View and ViewGroups? What is matchparent and wrapcontent.

5. List names of any five versions of Android.

6. Write a short note on Layouts in android.

7. List different notification in Android. Explain any one.

Q. 5. **Answer the following in detail. (Solve any 1)** **(10)**

1. Explain Android architecture with diagram

2. Explain intent and its types with e.g.

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