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EXAMINATION : DECEMBER - 2022
SEMESTER - VI

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

Date : 15/12/2022

Total Marks : 60

Time: 02.00 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. _____ virtual machines which is used by the Android operating system.

a) Dalvik	b)JVM
c) Simple Virtual Machine	d) None of these
2. The full form of APK is ____

a) Android page Kit	b)Android personal kit
c) Android phone Kit	d) Android package kit
3. Android is based on ____

a) Java	b) ruby
c) C	d) python
4. All layouts are subclasses of ____

a) android.widget	b) android.view.View
c) android.view.ViewGroup	d) None
5. In android, mini activities are also known as ____

a) sub activity	b)adapter
c) toast	d) fragment

Q.2. State True/False.

(5)

1. Web kit is android based browser.
2. The services in android can be stopped using system.exit() method.
3. AVD stands for Android virtual display.
4. The lowest layer of Android architecture is Linux kernel.
5. Oracle is built-in database in Android.

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

(10)

1. What is Sqlite?
2. Define activity in android.
3. What is android?
4. Who converts Java bytecode into Dalvik bytecode?
5. What is role of Dalvik Virtual Machine in android.
6. What is View and ViewGroup?

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

1. Explain implicit intent.
2. List the methods in android activity life cycle sequentially.
3. How adapter is used to display elements in list view. Explain with example.
4. Explain any two Layouts available in Android?
5. Explain getWritableDatabase() database
6. What are components of Android?
7. Write the code in android to accept username as "sys" and password as "admin". If it is valid, display welcome message else display "Invalid user".

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

1. Explain Android architecture with diagram.
 2. Explain any two menus in android with example.
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