BCA-II Sem-VI

Seat No.

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88295_Android Programming_26.05.2023_10.30 AM To 01.30 PM
Subject Code: 88295

Day and Date: Friday, 26-05-2023
Time: 10:30 am to 01:30 pm

Total Marks: 70

Instructions.:
    1) Figures to the right indicate full marks
Special Instruction.:
    1) Que.1 and Que. 6 are compulsory and attempt any three Questions from Que. No.2 to Que. No. 5.

Q.1.   **A] Choose correct option.**   **(10)**   **[20]**

1] What does AVD stand for?
    A] Android Virtual device   B] Android Virtual display
    C] Active Virtual display   D] Active Virtual device

2] In which of the following folder XML Layout files stored
    A] /assets   B] /src   C] /res/values   D] /res/layout

3] Android Applications can run on which platform
    A] Mobile   B] Automobiles   C] Smart TV   D] All of the above

4] A____ makes a specific set of the application data available to other applications
    A] Broadcast receivers   B] Content provider
    C] Intent   D] None of these

5] Which Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML?
    A] findViewByReference(int id);   B] findViewById(int id)
    C] retrieveResourceById(int id)   D] findViewById(String id)

6] What is an Android?
    A] Operating System   B] Application   C] Mobile Phone   D] All of the above

7] What is the name of the program that converts Java byte code into Dalvik byte code?
    A] Android Interpretive Compiler (AIC)   B] Dalvik Converter
    C] Dex compiler   D] Mobile Interpretive Compiler (MIC)

8] An activity can be thought of as corresponding to what?
    A] A Java project   B] A Java class   C] A method call   D] An object field

9] The full form of APK is
    A] Android Photo Kit   B] Android Phone Kit
    C] Android Package Kit   D] Android Page Kit

10] Which configuration file holds the permission to use the internet?
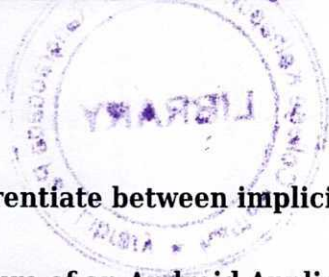   A] Layout file   B] Property file   C] Java source file   D] Manifest file

B] Attempt any two questions out of following three.
        (10)

    1] How to display Toast message in Android application.
    2] What is the Android Manifest file and what is its purpose?
    3] How Emulator plays an important role while creating Android application.

Q.2.   How can you use SQLite database in Android programming?   **[10]**

Q.3. What is Intent? Differentiate between implicit and explicit intents in Android? [10]

Q.4. What is the architecture of an Android Application? Explain the different layers in Android Architecture. [10]

Q.5. What is a layout in Android? Describe different types of layouts and their usage. [10]

Q.6. Write a note on (Any Four out of Six) [20]

  A] Activity Life cycle
B] Different types of mobile applications
C] Android Studio
D] Dalvik Virtual Machine
E] UI Components
F] Features of Mobile OS