

Seat No.	
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Winter Examination Oct/Nov 2023

Subject Name: B.C.A. (CBCS)_88295_90548 - Android Programming_25.10.2023_10.30 AM To 01.30 PM
Subject Code: 88295

Day and Date: - Wednesday, 25-10-2023
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) Select the correct alternative for the following [10] [20]

I) Choose the correct option related to Android.

- a) Android is a web browser
- b) Android is a web server
- c) Android is an operating system
- d) None of these

II) In android, activity is _____

- a) Android class
- b) Android package
- c) Single screen of application
- d) None of these

III) Which of the followings virtual machine is used by Android?

- a) Dalvik Virtual Machine
- b) Java Virtual Machine
- c) Simple Virtual Machine
- d) None of these

IV) All layout classes are the subclasses of

- a) android.widget
- b) android.view.View
- c) android.view.ViewGroup
- d) All of the above

V) The full form of APK is

- a) Android page Kit
- b) Android Package Kit
- c) Android Phone Kit
- d) Android Photo Kit



- VI) What is manifest XML in android?
- a) Information about layout of an application
 - b) All the information about application
 - c) Information about activities in an application
 - d) None of these

- VII) Which of the followings is a topmost layer of Android architecture?
- a) Application
 - b) Application Framework
 - c) Linux kernel
 - d) System libraries and android runtime

- VIII) Which of the following is not a state in the service lifecycle?
- a) Running
 - b) Start
 - c) Pause
 - d) Destroyed

- IX) Choose the built-in database of Android.
- a) MySQL
 - b) SQLite
 - c) Oracle
 - d) None of these

- X) Which of the following class in android displays information for a short period of time and disappears after some time?
- a) toast class
 - b) log class
 - c) maketest class
 - d) None of the above

- B) Write short answers (any two) [10]
- a) Explain different types of mobile applications
 - b) What is intent? Explain different types of intents.
 - c) What are the different UI components available in Android?

- Q.2. Illustrate Android architecture in detail. [10]
- Q.3. What is activity? Explain the life cycle of activity with suitable example. [10]
- Q.4. Explain Android Project structure in detail. [10]
- Q.5. Identify different layouts for Android application. [10]



- Q.6. Write Short notes on (any four)
- a) Mobile Operating System
 - b) History of Android
 - c) Dalvik Virtual Machine
 - d) Emulator in android application
 - e) Alert Dialogs
 - f) SQLite Database



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