

Roll No. :

Total No. of Questions : 11]

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B.C.A. (Part-III) Examination, 2023

ANDROID PROGRAMMING

Paper - BCA-304 (B)

Time : 3 Hours]

[Maximum Marks : 70

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section-B

(Marks : 4 × 5 = 20)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

Section-C

(Marks : 10 × 3 = 30)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

1. (i) What is the latest version of Android ? List any *four* versions of Android.
- (ii) Write any *four* features of Android.
- (iii) What is a Toast ? Write its syntax.
- (iv) What is the use of Web View in Android ?

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- (v) What does APK stand for ?
- (vi) Differentiate Activities from Services.
- (vii) What is a Fragment ?
- (viii) What language is supported by Android for application development ?
- (ix) What is view group in Android ?
- (x) What folders are impotent in Android Project ?

Section-B

2. What is the Android Architecture ?

Or

What is the life cycle of Android Activity ?

3. What is a Service ? How is it implemented ?

Or

What is an Activity ? Which method is implemented by all subclasses of an Activity ?

4. Enlist the *four* Android Supported Dialogue Boxes.

Or

What are the different states wherein a process is based in Android ?

5. What are the dialog boxes that are supported in Android ?

Or

What do you mean by Spinner in Android ? Explain with an example.

6. What are the *four* essential activity states ?

Or

What is an intent in the context of Android ? Describe the different types.

Section-C

7. What is the importance of Android in the mobile market ? What are some disadvantages of Android ?
8. Explain the Android SDK.
9. What do you mean by views in Android ? Explain different types of views available in android.
10. List out different types of Layouts in Android. Explain any *two* layouts.
11. Explain the location based services provided by Android.