

Roll No. :

Total No. of Questions : 11]

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SCA-379

B.C.A. Part-III (Supplementary) Examination, 2022

ANDROID PROGRAMMING

Paper - BCA-304 (B)

Time : 1½ 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) Define JVM.
- (ii) Name *four* best Android editors.
- (iii) What is the use of AndroidManifest.xmp ?

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- (iv) Where does R.Java use ?
- (v) What is the use of option menu in Eclipse ?
- (vi) When does context menu of Eclipse use ?
- (vii) Define ArrayAdapter.
- (viii) Define BaseAdapters.
- (ix) How Alarms notification are used ?
- (x) Explain location based services.

Section-B

2. Explain exception handling in Java.

Or

Explain multithreading in Java.

3. Explain user-permission and uses-sdk.

Or

Explain different layouts of application in Android.

4. Describe SQLiteDatabase.

Or

Explain the use of SQLiteOpenHelper class.

5. Give an example of Gridview using adapters.

Or

Give an example of Gallery using adapters.

6. Explain services and notifications.

Or

Write the code to accessing phone services like call and SMS.

Section-C

7. What is Android ? Write the steps for setting up Android Development Environment.
8. Explain Activity life-cycle with example.
9. Write SQLite programming code to display contact list.
10. Give an example of listview.
11. What is JSON Passing ? Give an example of it.