

**B.C.A. (Part-III) Examination, 2020**

**BCA-304(B)**

**(ANDROID PROGRAMMING)**

*Time allowed : Three hours*  
*Maximum Marks : 70*

श्री जैन (पी.जी.) कॉलेज, बीकानेर

**SECTION – A**

**(Marks : 2 × 10 = 20)**

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

**SECTION – B**

**(Marks : 4 × 5 = 20)**

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

**SECTION – C**

**(Marks : 10 × 3 = 30)**

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

**SECTION – A**

**(Marks : 2 × 10 = 20)**

Attempt **all** questions, answer should not exceed **50** words.

1. (i) .Jar
- (ii) Device code names
- (iii) Mipmap
- (iv) Proguard.cfg
- (v) Eclipse
- (vi) SQL lite open helper
- (vii) Grid view
- (viii) Widgets
- (ix) JSON
- (x) Toast

**SECTION – B**

(Marks : 4 × 5 = 20)

Attempt **all** questions, answer should not exceed **200** words.

2. Define Multithreading in Java.

**OR**

Explain Exception handling in Java.

3. Define user permissions in Java.

**OR**

Define Resources in Java

4. What is context menu ? Explain with program.

**OR**

Define SQL lite programming with example.

5. Define list activity in Android.

**OR**

Define custom list view in Android.

6. What is notification ? Explain.

**OR**

Define location based services of Android.

**SECTION – C**

(Marks : 10 × 3 = 30)

Attempt any **three**. Answer should not exceed **500** words :

7. What is packages in Java ? Also define various types of editors used in Android.

8. Explain the application structure of Android.

9. Define the various types of menus with their syntax in Eclipse editors.

10. What is Adapters ? Define various types of Adapters used in Android.

11. Explain the advance live folders of Android.

# BC-401

B.C.A. (Part-III) Examination, 2021

## ANDROID PROGRAMMING

Paper - BCA-304 (B)

Time : 1½ Hours ]

श्री जैन (पी.जी.) कॉलेज, बीकानेर

[ 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

2 each

1. Attempt all questions. Answer should not exceed **50** words in each question.

(i) What is Database ?

(ii) What is GPS and Maps ?

- (iii) What is SQL Lite Database ?
- (iv) What do you mean by JVM and .Jar File Extension ?
- (v) What is the mean of application structure ?
- (vi) What is Android ?
- (vii) What is Editor ?
- (viii) What is Adapters ?
- (ix) What is XML Parsing ?
- (x) What is menu from xml ?

**Section-B**

4 each

**Note :-** Attempt all questions. Answer should not exceed 200 words in each question.

2. Define the interfaces in Java.

*Or*

Explain the Database (DML and DDL).

3. Define the uses-SDK.

*Or*

Explain the Activity life-cycle in Android.

4. What is option menu ? Explain with program.

*Or*

Define the SQL Lite Open Helper with example.

5. What is Gallery using adapters ?

*Or*

What is the mean of widgets ? Explain it.

6. Define the accessing Phone services. (Call, SMS, MMS)

*Or*

What is Broadcast Receiver ?

10 each

**Section-C**

*Note :-* Attempt any *three* questions. Answer should not exceed **500** words in each question.

7. What is multithreading in Java ? Explain setting up development environment.
8. Define the Layouts and Drawable resources.
9. Define the menus with their syntax in Eclipse editors and custom list view.
10. Explain the list view and list activity. What is major difference list view and activity ?
11. Explain the different notifications and services.

Total No. of Questions : 11 ]

[ Total No. of Printed Pages : 3

श्री जैन (पी.जी.) कॉलेज, बीकानेर

**BC-386**

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

**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 **50** 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) Name the *four* states in android life-cycle.
- (ii) What are the components inside android SDK ?
- (iii) Text localization is done using which resource in android.
- (iv) What is the use of resource ID in android ?

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**BC-386 P.T.O.**

- (v) List any *five* basic controls in android.
- (vi) What is the common name to refer collection of styles in android ?
- (vii) Explain the regions in alert dialog window.
- (viii) Explain the use of back stack in android fragments.
- (ix) How is Key value data persisted in android ?
- (x) List the data type in android SQLite.

### **Section-B**

2. Explain about android SDK.

*Or*

Explain the Database (DML and DDL).

3. How to implement Map View in android ?

*Or*

Show the for button in XML.

4. What is option menu ? Explain with program.

*Or*

Explain fundamental components of android.

5. What is location based services ? Explain it.

*Or*

Discuss the Call, SMS, MMS.

6. Explain in detail about android life-cycle events with a neat figure.

*Or*

What is Broadcast Receiver ?

### Section-C

7. Write a program to create a database and read its values and display it in android. Use cursor if necessary.
8. What is Multithreading in Java ? Explain setting up development environment.
9. Demonstrate the use of at least two controls with example.
10. Explain the different notifications and services.
11. Discuss the data type in android SQLite.