Total No. of Questions : **11**]   [Total No. of Printed Pages : **3**

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 ?

(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 it 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.