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Reg. No.....

## SIXTH SEMESTER U.G. DEGREE EXAMINATION, MARCH 2022

(CBCSS—UG)

## B.C.A.

## BCA 6B 11-ANDROID PROGRAMMING

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

### Section A

Answer at least **eight** questions. Each question carries 3 marks. All questions can be attended. Overall Ceiling 24.

1. What is ADT stands for ?

2. What is the purpose of AndroidManifest.xml?

3. What are the different types of layout managers ?

4. What is AVD and Emulator ?

5. Why do we need fragments in Android ?

- 6. How does toast work in android?
- 7. What is base class of Android database?
- 8. What are the uses of spinner control in android ?
- 9. What is Intent in Android ?
- 10. What are Android Java packages ?
- 11. Name the different types of UI controls available in Android ?
- 12. What are the elements of Android software stack?

 $(8 \times 3 = 24 \text{ marks})$ 

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#### Section B

Answer at least **five** questions. Each question carries 5 marks. All questions can be attended. Overall Ceiling 25.

- 13. Define the structure of Android application.
- 14. Explain cursor in Android SQLite with example.
- 15. How to Create and Add Data to SQLite Database in Android ?
- 16. Explain the Activity life cycle in Android.
- 17. Briefly explain the working of intent in android with example.
- 18. Explain persist file in Android in detail.
- 19. Explain the life cycle of fragment in Android.

 $(5 \times 5 = 25 \text{ marks})$ 

### Section C

## Answer any **one** question. The question carries 11 marks.

- 20. Write short note on any five Android menus.
- 21. Explain the database manipulation using SQLLite?

 $(1 \times 11 = 11 \text{ marks})$