C 80137

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Name..

Reg. No......................................

SIXTH SEMESTER B.A./B.Sc. DEGREE EXAMINATION, MARCH 2020

(CUCBCSS—UG)

B.C.A.

BCA 6B 11—ANDROID PROGRAMMING

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A (Short Questions)

Answer **all** *questions.*
Each question carries 1 *mark.*

1. Name the four states in android lifecycle.

2. What are the components inside android SDK ?

3. Text localization is done using which resource in android.

4. What is the use of resource ID in android ?

5. List any five basic controls in android.

6. What is the common name to refer collection of styles in android ?

7. Explain the regions in alert dialog window.

8. Explain the use of back stack in android fragments.

9. How is key value data persisted in android ?

10. List the data type in android SQLite.

(10 × 1 = 10 marks)

Part B (Paragraph)

Answer **all** *questions.*
Each question carries 2 *marks.*

11. Explain about android SDK.

12. Explain any two types of drawable resource.

13. Explain the basic intent structure for activity navigation.

14. How to implement MapView in android ?

15. Show the syntax for button in xml.

Turn over

16. Explain the state of android fragments.

17. Explain the use of setTargetFragment().

18. Explain the syntax for Shared Preferences.

(8 × 2 = 16 marks)

Part C (Short Essays)

*Answer any **six** questions.*
Each question carries 4 marks.

19. Explain fundamental components of android.

20. Explain Java API Framework in android stack.

21. Explain about content providers in android.

22. Explain about structure of content providers in android.

23. Create a custom style in android and explain.

24. Create a linear layout for login page in android with its component properties.

25. How to create a custom dialog explain ?

26. What are dialogues, explain its syntax ?

27. Explain file operation in android.

(6 × 4 = 24 marks)

Part D (Essays)

*Answer any **three** questions.*
Each question carries 10 marks.

28. Explain in detail about android lifecycle events with a neat figure.

29. Demonstrate the use of pending intent with suitable example and explain.

30. Demonstrate the use of at least two controls with example.

31. Explain about action bar in detail and its uses.

32. Write a program to create a database and read it values and display it in android, use cursor if necessary.

(3 × 10 = 30 marks)