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Name:

Reg. No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(CUCBCSS-UG)

CC17U BCS6 B11 - ANDROID PROGRAMMING

(Computer Science - Core Course)

(2017, 2018 Admissions - Supplementary/Improvement)

Time: Three Hours

Maximum: 80 Marks

Part A

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

1. Name the latest android version.
2. Define AVD.
3. What is a resource?
4. What is the default operating system Android supports?
5. Differentiate styles and themes in android.
6. Write resource reference syntax.
7. Which storage option is used to store private primitive data in key-value pairs?
8. What is the use of option menu?
9. Name the intent that carries a component name with it.
10. List various SQLite database classes.

(10 × 1 = 10 Marks)

Part B

Answer *all* questions. Each question carries 3 marks.

11. What is the purpose of AndroidManifest.xml file?
12. Write any four attributes of Text View.
13. What is Action bar?
14. What is Toast notification?
15. What is List preference?

(5 × 3 = 15 Marks)

Part C

Answer any *five* questions. Each question carries 5 marks.

16. Differentiate Linear layout and Relative layout with suitable example.
17. Illustrate the life cycle of an Android application.
18. What is Content provider? Explain the Architecture of Content Providers.
19. Explain the structure of Android Application.

20. Explain different button controls supported in android.
21. Explain any five resources in Android.
22. What are three types of action bars?
23. Briefly discuss different Dialog boxes supported by Android.

(5 × 5 = 25 Marks)

Part D

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

24. Explain the architecture of Android software stack with neat diagram.
25. Explain fragment lifecycle in detail?
26. Explain the different types of Menus supported in Android.
27. What is Intent? Explain different types of Intents.
28. What do you mean by an Adapter? Explain any two adapter views.

(3 × 10 = 30 Marks)
