

18U669

(Pages: 2)

Name:

Reg. No.....

SIXTH SEMESTER B.C.A. DEGREE EXAMINATION, APRIL 2021

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

CC17U BCA6 B11 - ANDROID PROGRAMMING

(Computer Application – Core Course)

(2017 Admissions onwards)

Time: Three Hours

Maximum: 80 Marks

PART A

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

1. What is DVM?
2. _____ package implements the Application model for Android.
3. _____ is a UI concept that usually represents a single screen in your Android application.
4. What is the purpose of plurals in Android?
5. _____ is a helper class to manage database creation and version management.
6. Android introduced a concept called _____ to invoke components.
7. In Android _____ attribute is essentially alignment.
8. _____ method is invoked to create dynamic menus.
9. Dialogs in Android are asynchronous, true or false.
10. Which operating system is used as the base of the android stack?

(10 × 1 = 10 Marks)

PART B

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

11. Write a short note on package manager in Android.
12. What is R.java?
13. What is the role of the ContentValues class?
14. What is hint attribute of an EditText control?
15. What is the difference between android:gravity and android:layout_gravity?
16. What is the role of a menu inflater class?
17. What is a back stack used for?
18. What do you mean by *preference* in android?

(8 × 2 = 16 Marks)

PART C

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

19. Explain the different ways to respond to menu item click in Android.
20. Describe the concept of Intent in Android.
21. Explain different types of ActionBar in Android.
22. Illustrate the life cycle of an Android application.
23. Explain any four layout managers in Android.
24. Explain any four resources in Android.
25. Write a short note on SQLite.
26. What do you mean by an Adapter? Explain any two adapter views.
27. Write a short note on different types of menus in Android.

(6 × 4 = 24 Marks)

PART D

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

28. Explain any ten Android Java packages.
29. Explain the following resources in Android:
a) Layout b) String c) Color d) Dimension e) Drawable
30. Explain the fundamental components of an Android application.
31. Explain the components of Android software stack.
32. Write a program to perform select, insert, update and delete operations on student table on a SQLite database.

(3 × 10=30 Marks)
