

**16U631**

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Name.....

Reg. No.....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2019**

(Regular/Supplementary/Improvement)

(CUCBCSS-UG)

**CC15U BCS6 B12 - ANDROID PROGRAMMING**

Computer Science - Core Course

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

**PART A**

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

1. ----- is the latest version of Android.
2. Expand APK
3. ----- is used to invoke Activity class.
4. The ----- file specifies the layout of your screen.
5. What is the parent class of all Activity widgets?
6. ----- are bridge between the adapter View and underlying data for that view.
7. ----- are graphical elements placed in the options menu shown to users when they press the menu button.
8. To get fragment manager call ----- from your activity.
9. To create a database in SQLite ----- command is used.
10. ----- allow users to enter a string value as a preference.

**(10 x 1 = 10 Marks)**

**PART B**

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

11. Dalvik Machine.
12. What is pending Intent?
13. View group in Android.
14. What is service?
15. SQLite.

**(5 x 2 = 10 Marks)**

**PART C**

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

16. What items or folders are important in every android project?
17. Explain Image resources in detail.

18. Explain Image view and spinner control in detail.
19. Explain the difference between List view and Grid view.
20. Explain the context Menu.
21. What is Action Bar in Android?
22. How to access external file resources?
23. Explain about cursor.

**(5 x 4 = 20 Marks)**

#### **PART D**

Answer any *five* questions. Each question carries 8 marks.

24. Explain about Android software stack
25. Write a note about content provider.
26. Explain different kinds of intents.
27. What is the difference between relative layout manager and linear layout manager?
28. What is the difference between android:gravity and android:layout gravity?
29. Explain different Dialog boxes supported by Android.
30. Explain Android fragment life cycle with the help of a diagram.
31. What is shared preferences? Explain preference framework.

**(5 x 8 = 40 Marks)**

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