**Unit 1:**

1. Explain the major components of Android stack with a neat diagram of Android architecture

2. Explain the challenges of Android App development

3. With a neat diagram, explain the steps followed in developing the app

4. Write a note on Android studio window panes

5. List and explain the components of Layout Editor

6. Illustrate the view group and view Hierarchy of android app development and explain views with respect to component tree.

7. Discuss the layout view groups of android Application development.

8. List and explain the different attributes used with TextView.

9. Discuss the significance of manifest and gradle files.

10. Explain the steps to implement an activity in an app.

11. Explain the types of intents.

12. Describe the key fields of an explicit intent.

13. List and explain the different activity states and draw a neat sketch to show the activity transitions between different states.

14. With a neat diagram Explain activity life cycle. Discuss the different callback methods used in

activity life cycle with coding snippet.

15. Discuss the steps to debug an android App

16. Write a note on the features of Android Support Library