SNS COLLEGE OF ENGINEERING

(An Autonomous Institution)

Coimbatore - 641107

Department of Computer Science and Technology

Academic Year: 2024 - 2025

19CS603- Mobile Application Development
Question Bank

1. Write a note on mobility landscape.
2. Describe Android Architecture with a diagram
3. Write steps to set up a mobile applications development environment along with an emulator.
4. Write a note mobile UI resource – Layouts.
5. Describe mobile UI resource – Draw able.
6. Write on mobile UI Elements.
7. Write a note on mobile UI resource – Menu.
8. Write a note on various available mobile platforms
9. Write a note on mobile applications development scenario
10. Discuss Application Development on Android Studio mentioning steps involved in creating a project.
11. Write a note on Activity Life Cycle.
12. What is a Service. What are its various states.
13. What are threads? What is an Async Task?
14. Write a note on Notes ca icons.
15. Describe Broadcast Receivers in Android.
16. Write a note on Content Provider.
17. Write a note on Dalvik VM.
18. Write a note on Webkit library.
19. Describe importance of Package Manager.
20. Write a note on Views.
21. Briefly illustrate the use of Canvas.
22. Mention some Animation APIs available in Android
23. Write a note on Video Playback in Android.
24. Describe Location Awareness feature available in Android.

25. Write a notes on data handling in Android.
26. Describe the application of mobile database in Android.
27. Briefly describe Graphics and Animation features of Android.
28. Briefly mention Shared Preferences.
29. Briefly mention Audio Playback in Android.
30. Write a note on Debugging Mobile Applications.
31. Describe White Box Testing.
32. In brief mention types of Black Box Testing.
33. Compare White Box and Black Box Testing.
34. Write a short note on JUnit for Android.
35. Write a note on Test Automation.
36. Describe Debugging features available in Android Studio.
37. Write steps for debugging using an Emulator.
38. Write steps for connecting a device for debugging.
39. Mention the applications of Mobile Applications.
40. Mention the advantages of Android .