Reg. No ....   Name **25U553**

Time : Three Hours   Max. Marks: 75

PART A
Answer All (1 mark each)

1. Explain main thread.
2. Describe memory optimizations.
3. List any four protected API permissions.
4. How to stop a service in Android?
5. Define ViewPager.
6. <name>Amit</name> What is the entire block of XML called?
7. Which animation creates an animation by modifying an object's property values over a set period time with an Animator ?
8. Explain about how to create a thread.
9. List the method in Web View provides zoom controls for view.
10. Discuss about the information contained in Notification object.

(1 x 10 = 10)

PART B
Answer any 8 (2 marks each)

11. Describe briefly about UI thread.
12. Define Surface holder.
13. Describe HTTP request methods.
14. Give manifest tag to assign permission to use telephony service .
15. Explain how to instantiate the parser.
16. Explain the built in security in Android.
17. Elaborate the role of bitmaps in android animation.
18. Explain the packages provided by Android for security.
19. Define XML RPC.
20. Explain Protected API permissions.

(2 x 8 = 16)

PART C
Answer any 5 (5 marks each)

21. Describe Linux security.
22. Discuss the steps involved in creating an OpenGL App to draw a Circle.
23. Explain the different Android processes.
24. Explain the steps to integrate a third party application to a web service.
25. Define Intent Service. Explain the structure of the Intent Service class.
26. Explain about communication protocols in Android
27. Explain about tags, elements and attributes in XML document.

(5 x 5 = 25)

PART D
Answer any 2 (12 marks each)

28. Explain in detail about the types of permissions in Android.

29. Describe the socket programming in Android with an example.

30. Illustrate animating views in different scenes of view hierarchies.

31. Explain the different process levels and thread types in detail.

(12 x 2 = 24)