Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Subject: Mobile Application & Development
Smester : VI

UNIT –I

1) a) What is android? Explain their versions and applications? 6M

   b) Explain the procedure steps of Installing Android SDK Tools 6M

2) Explain the features of Android and obtaining the requirement tools 12M

3) Discuss about the anatomy of android application 12M

4) Define about how you understanding Activities 12M

5) a) Discuss about configuring the android SDK 6M

   b) Briefly discuss about ADT Tools 6M

6) Discuss about fragments and Intents 12M

7) Brief about Calling Built-In Applications using Intents 12M

8) Briefly discuss about Linking Activities and fragments 12M

9) Explain how you are creating first android application 10M

10) a) Explain briefly about how you understanding different activities 6M

   b) Discuss about linking Activities using Intents 6M

UNIT-II

1) Explain about understanding different components of a Screen   12M

2) Discuss about Views and their ViewGroups   12M

3) a) Discuss about anchoring views   6M

   b) Briefly about resize and repositioning   6M

4) Difference between Table Layout and Frame Layout   12M

5) Briefly about Scroll View & anchoring views   12M

6) Explain about adapting to display orientation   12M

7) a) How you detecting orientation changes   6M

   b) Discuss about controlling orientation of the activity   6M

8) How you managing & changes to screen orientation   12M

9) Explain neatly about Absolute and Relative Layouts   12M

10) a) Discuss customizing the action items and their applications   6M

   b) Briefly discuss about adding action items to the action bar   6M

UNIT-III

1) Briefly discuss about basic views and their contents   12M

2) Discuss about pictures and their menus views   12M

3) Explain about

    a) Progress bar   b) Toggle button   6M

    c) Image button   d) Edit Text   6M

4) Explain about displaying long lists and their overview   12M

5) Discuss about Image views to display pictures   12M

6) Discuss about

    a) Dialog fragment   b) Preference fragment   6M

    c) List fragment   d) Specialized fragment   6M

7) Explain about Menus and additional views   12M

8) Difference between basic views and picker views   12M

9) Discuss about specialized fragments with their summary   12M

10) Explain about

    a) Data Picker   b) Time Picker   c) DateTime Picker   6M

    d) ListView view   e) Spinner View   6M

UNIT-IV

1) Explain about persisting data to files   12M

2) How you creating and using databases   12M

3) Explain about

    a) creating DBAdapter Helper class   6M

    b) choosing best storage option   6M

4) Discuss static resources and predefined query string constants   12M

5) Briefly discuss about content providers   12M

6) a) Discuss about sharing data in android   6M

    b) Pre-creating the database   6M

7) How you creating your own content providers   12M

8) Explain about saving data to internal and external storage   12M

9) Discuss about saving and loading user preferences   12M

10)   Discuss about

    a) Accessing preferences b) Retrieving & Modifying preferences   6M

    c) Projections, Filtering   d) Sorting   6M

UNIT-V

1) Explain about creating your own services in android developing   12M

2) Explain about different kinds of messaging   12M

3) a) Discuss about digital signing in android applications   6M

   b) About versioning your application while publishing   6M

4) How you publishing android applications in the market   12M

5) a) Define about binding activities to services   6M

   b) Understanding different kinds of threading   6M

6) Briefly discuss about deploying APK Files   12M

7) How the communication was establishing between a service &activity 12M

8) Discuss about adb.exe tool & web server   12M

9) Briefly discuss about caveats and warnings, sending e-mail   12M

10)   a) Discuss about preparing for publishing   6M

   b) Executing asynchronous tasks on separate threads   6M