PCA20D04J-ANDROID APPLICATIONS DEVELOPMENT

Unit I

Part A:

1. List out the methods used to pass data between intends.
2. List out the methods used to pass data between intends.
3. Write about Features of Android.
4. List out the methods used to pass data between intends.
5. List the events that govern the life of Activity
6. Write notes on Toasts Message with example
7. Write notes on activities in Android.
8. List out the history and versions in Android.
9. 1. Write brief notes on following
   i)Java JDK ii)Android SDK iii)AVD iv)ADT

Part B

1. Outline the architecture of Android with neat diagram.
2. Write an android program to implement the working of toast message
3. How would you apply the concept of Android Activities for developing application?
4. What can you say about Intent in Android? Explain different types of Intent with Examples
5. List out the steps involved in installation of Android with eclipse IDE
6. Discuss about architecture of Android with neat diagram.
7. Discuss various types of intent with suitable example.
8. How to develop "Hello world " program in android and explain.
9. Explain in detail about android project structure.
10. Discuss various versions and history of android.

Unit II

Part A:

1. How an users interact with your UI in Android? Explain
2. Compare the working of LiewView and SpinnerView.
3. List any five methods used in Date picker
4. Recall the purpose of Options menu in Android.
5. Write a short note on Relative Layout.
6. List any five methods used in Date picker
7. Write about list view used in Android with.
8. Write notes on Time picker
9. Write short notes on spinner view in android.

Part B

1. Elaborate Core Building Blocks of Android.
2. Elucidate different menus used in Android with examples.
3. Summarize different Layouts used in Android.
4. Elaborate different types of Layouts used in Android with neat diagram.
5. Explain in Detail about Android Menus with example.
6. What are Views? Explain about basic Views used in Android with example.
7. Elaborate about different Picker Views in Android with suitable example
8. Create context and option menu for the categories of an item.
9. Discuss any 6 basic views in android.
10. Implement ListView and SpinnerView.

Unit III

Part A

1. How to write a Text File in Android External Storage.
2. List the arguments used for Projection and sorting in managedQuery () with example.
3. Write the major functions used in Content Provider.
4. What are the methods used with Shared Preferences for handling data?
5. Summarize the concept of shared preferences.
6. State in your own words about execSQL() method.
7. Write a note on rawQuery() method used with SQLite.
8. List all the methods used to create and open SQLite Database in android
9. What is Web Service? Writ the format of its request.
10. With example explain about the format of query in content provider.
11. List out the methods of Content Provider in Android.
12. Write short notes on reading data from internal storage.

Part B

1. Explain the concept used by android to store primitive data type in Key-Value Pair?
2. Describe the concept of Content Providers used for storing data.
3. What is the main idea of Shared Preferences? Explain
4. Describe the concept used to read and write text files in Android Internal Storage.
5. Create an application for storing simple data using sharedpreference object with suitable example.
6. Discuss the methods used for creation, updating data, and insertion of data in the SQLite database.
7. Implement saving record into internal storage.
8. Implement saving record into external storage.
9. create a database and explain various operations are involved on that.

Unit IV

Part A

1. List all the methods used to create and open SQLite Database in android
2. How to send an EMAIL in Android using intent?
3. Explain in short about Broadcast Receivers.
4. Explain how the E-mail is send in android?

Part B

1. Explain How messaging service is handled by Android.
2. Implement an application to send sms messages using built-in function.
3. Based on what you know, how would you explain Networking used in android.
4. Analyze different elements used to Download Binary Data and Text Data
5. Develop an application to send sms using intent.
6. explain about networking in android.
7. explain the mechanism to download the text and binary file in android.

Unit V

Part A

1. What are the methods used by android to handle zoom controls in Android?
2. How different Views are changed with maps in Android?

3. Summarize about GeoCoding in Android Maps
4. Write in short about reverse Geocoding in Android Maps.
5. List different methods used for zooming function in android maps.

Part B

1. Illustrate mechanisms behind GeoCoding and reverse Geocoding in Android Maps.
2. Elaborate the task of MyLocationListener Class in map
3. Explain in detail about steps involved in preparing apk files.
4. Discuss various methods of deploying apk files.
5. Devise a program for implement google map with zoom in and zoom out controls.
6. Devise a program for implement google map with navigate the location.
7. Implement adding marker with google map
8. Devise an application for google map.