MAD Important Questions Unit Wise

UNIT -1

 1. Explain the History of Mobile Technology?
2. Explain Different Types of Mobile Technologies?
3. Explain Key Mobile Application Services?
4. Explain the Architecture of Android? With a neat diagram?
5. Explain the features of Android OS?
6. Explain Android Application components?
7. Exploring the Development Environment?
8. Explain the Required tools for Android studio (Obtaining the Required Tools)?
9. Exploring the Integrated development environment (IDE) or Explain android studio components?
10. Explain Debugging Your Application?
11. Explain the procedure to publishing your android Application?
12. Explain Android SDK?
13. Explain ADB and Gradle with features?
14. Explain the life cycle of android activity with a neat diagram? With code?
15. Explain the intent and its types?
16. Explain how to apply style and themes to an activity?
17. Explain Android studio with key features?
18. Explain fragments and their life Cycle.

UNIT -2

2. Explain View Group. Explain the different types of View Groups supported by Android. (Different layouts linear, absolute, relative, frame, constraint, Scroll View, List view, Grid view)
3. Explain about adapting to Screen Orientation by using anchoring Views and different layouts for each orientation.
4. Discuss managing Changes to screen orientation.
5. Explain the action bar in detail.
6. Explain creating the user interface programmatically.
7. Explain different types of views.
       a) basic views
       b) picker views
       c) list View and spinner View.
8. Discuss about list, dialog, and preference fragments?
9. Explain the Image view and image switcher with an example.
10. Write a note on the Options menu, context menu, and additional Views.
11. Discuss listening for UI notifications.

12. Explain WEB View in detail with Code?

13. Explain Saving and Loading User Preferences in detail.

14. Explain Persisting Data to files in detail?

UNIT-3

1. Define ViewGroup. Explain different types of ViewGroups supported by Android. (Refer 2nd unit for Answer).

2. Mention the different types on Layouts in user interface.(Refer 2nd unit for Answer)

3. What is theme? And How to apply a style as a theme?

4. What are the different types of menu? Explain them?

5. Understanding Sudoku Game?

6. Designing By Declaration?

7.Creating the Opening Screen?

8. What is an About Box?

Unit-4:

1. Explain content provider.

2. Explain the detailed explanation of how to integrate Google Maps into an Android Application.

3. Explain the types of Maps? Explain the process of monitoring a location using the Location Manager class in Android.

4. Explain the process of Proximity Alert in the Android Application.

5. What is data binding?

6. Mention the different ways to access the SD cards in an Android?

7. Create an Application to send Email.

8. Explain the process of creating a Custom content Provider

9. Explain the steps of generating APK files.

10. What is the use of an APK file?

11. Explain the Role Of GPS.

12. Explain the Steps to create, open, and close the database cursor.

13. Step-by-step implementation of consuming web services using HTTP?

14. Step-by-step implementation of consuming XML web services?

15. Step-by-Step Implementation of Consuming JSON Web Services?

16. Mention the different event handlings.

17.Explain Hello Database?