Mobile Application Development Question Bank

1. List out different types of layouts in android. Explain any two layouts.
2. What is view? Write a code to Create a simple Grid View application.
3. What is fragment and how we can create it in android application?
4. What is Listview. Write a java class to add any 10 items within Listview.
5. What is Parsing? Explain XML parsing and JSON parsing with example. OR Explain JSON parsing with example.
6. Explain MAC OS architecture and its features. OR Explain the basic architecture and features of the MAC OS.
7. Explain UINavigationController. How do you navigate to another view? Explain briefly with example.
8. What is the role of DVM in android? Explain it.
9. What is the use of Manifest file in android application? Explain it.
10. What is web services? How it integrates and implements in industrial projects?
11. Draw and explain Activity Life cycle[5]
12. Draw and explain Fragment Life cycle[5]
13. What is Intent Explain types of intent in details[5]
14. Draw and Explain Architecture of Android[5]
15. What is DVM explain in details[2]
16. Role of AVD and SDK manager in android programming platform[3]
17. Data parsing from json is batter than XML ? Yes/ No Justify[3]
18. What is role if SQLite Open Helper [2]
19. Explain Cursor and content values in android[2]
20. What is fragment explain use of Fragmentation[3]
21. Explain Type of Parsing in XML[5]
22. WAP to convey different values (number + character) from main activity to another activity (only java file needed) [5]
23. Write a JSON file which cover maximum object for application like "My_Holydays tours"[5]
24. WAP to create three fragment in main activity which shows different colour when button is press (xml + JAVA)[5]
25. WAP to create my_database and insert data in exam table having rows : date, subject_id, Location,time_duration, (JAVA file)
26. What is ADB (Android Debug Bridge)?
27. (1) Write down syntax for Toast in Android.
28. Which configuration file holds the permission to use the internet?
    (I) Layout file (II) Property file (III) Java source file (IV) Manifest file
29. What does an Android APK file contains?
30. What is AVD? Explain the process of creating AVD in Android application development.
31. What is the significance of android manifest file?
32. What is role if SQLite Open Helper
33. What's the difference between onCreate() and onStart()?
34. What is the difference between View & ViewGroups?

35. What is the use of string.xml and styles.xml file
36. What is SQLite?
37. What is intent? Explain explicit vs. implicit intents.
38. Role of AVD and SDK manager in android programming platform
39. Data parsing from json is batter than XML ? Yes/ No Justify
40. Write Application code for Add 2 numbers in EditText and Display Addition of both on TextView in Android.
41. Create an application having TextView, EditText and Button. When use click on Button, content in EditText should be displayed in TextView
42. Write a java code that will display toast (Custom Message) on specific interval of time. (write java code only)
43. What is Listview. Write a java class to add any 10 items within Listview.
44. Explain Content Provider
45. Explain the main features & Technologies of COCOA Touch.
46. Explain For-in loop in swift with example.
47. Explain the following layouts with example
    1. Linear Layout
    2. Table Layout

48. Explain the following layouts with example
    1. Relative Layout
    2. Frame Layout
49. Write code to send data from one activity to other activity using Explicit Intent.
50. Explain ToggleButton with example.
51. Write the various layouts available in Android. Explain any one out of that.
52. How to use spinner in Android App? Explain with an example.
53. Demonstrate the use of CheckBox in Android App.
54. Write the significance of onCreate() and onUpgrade() methods of SQLiteOpenHealper class.
55. Write a program in swift to check the number is prime or not.
56. What is enumeration in swift? Explain with example
57. Explain method overloading in swift with example
58. What is Adapter? What are the different types of adapters? Explain with example.
59. Create an application to call specific entered number by user in the EditText.

60. Write an android program to design a Calculator
    (having operations limited to +,-,*,/).
61. Draw and explain Fragment Life Cycle in Android.
62. Explain iPhone operating system architecture with example. Enlist the main features of latest iOS.
63. What is android activity lifecycle? Explain the role of each method in detail.

64. WAP to create three fragment in main activity which shows different colour when button is press (xml + JAVA)
65. WAP to create my_database and insert data in exam table having rows : date, subject_id, Location,time_duration, (JAVA file)
66. List layers of Android OS Architecture and explain it with diagram.
67. List out methods (states) of Android activity life cycle
68. What is parsing? Discuss how can you perform parsing using JSON in Android application.
69. What is Array and Dictionary in swift? Explain with example.
70. What is Framework? Explain MVC framework with example
71. Explain Life Cycle of an iOS Application
72. Define UINavigationController. How do you navigate to another view? Explain briefly with example?
73. Explain Array, Set and Dictionary in swift with suitable example.
74. What a is intent? Differentiate between implicite and explicit intent? How to start activity using intent, explain with implicite and explicit intent example.
75. What is Dialog? How many ways to implement a dialog in android?

76. Create an Android application of Calculator. The UI consists of a TextView for displaying the result and 16 Buttons. Use TableLayout to arrange the buttons in rows and columns.
77. Explain the life cycle of an iOS application and view controller life cycle.
78. Write a code for android application to insert EmployeeDetails (eID, eName, eJoiningDate, eSalary) in SQLite database using Android App.
79. Explain different types of menu in android with example.
80. Write a code to insert Customer Details (cID, cName, cOrderID) in SQLite Database in Android.
81. Write a Program for login page with database connectivity in Android.
82. Create an android application that will convert distance entered into Kilometers into Meters and Centimeters. (Write XML file and Java file only)
83. What is Parsing? explain XML parsing and JSON parsing with example.
84. Explain (1) Activity (2) Service (3) Intent (4) Content Provider (5) Broadcast Receiver (6) Widgets Notification