

Android Development - Theory Questions and Answers

1. Discuss the Mobile ecosystem in detail with suitable diagram.

Answer:

(Detailed explanation to be added here...)

2. Android virtual machine and Dalvik Virtual Machine.

Answer:

(Detailed explanation to be added here...)

3. What is mobile information architecture? Explain its types with suitable diagram.

Answer:

(Detailed explanation to be added here...)

4. Explain the layered architecture of android with suitable diagram.

Answer:

(Detailed explanation to be added here...)

5. What are embedded systems? Discuss its design process.

Answer:

(Detailed explanation to be added here...)

6. Differentiate embedded systems with general computing systems.

Answer:

(Detailed explanation to be added here...)

7. What is activity life cycle in android systems? Discuss its phases with suitable diagram and code.

Answer:

(Detailed explanation to be added here...)

8. Write a simple code (comprising both java and xml files) to design a calculator in android with suitable diagram.

Answer:

(Detailed explanation to be added here...)

9. What are listeners in android? Explain listeners with a suitable code snippet.

Answer:

(Detailed explanation to be added here...)

10. What is Toast in android? Discuss it with a suitable code snippet.

Answer:

(Detailed explanation to be added here...)

11. What are different menus provided by android? Discuss each with suitable code snippet and diagram.

Answer:

(Detailed explanation to be added here...)

12. Write a code for change screen app.

Answer:

(Detailed explanation to be added here...)

13. Types of Menus and their implementation.

Answer:

(Detailed explanation to be added here...)

14. What is a layout in android? Write a simple code snippet for the following:

1. Linear Layout

2. Horizontal Layout

3. Table Layout

4. Frame Layout

5. Constraint Layout

6. Relative Layout

Answer:

(Detailed explanation to be added here...)

15. Create a login form using relative layout.

Answer:

(Detailed explanation to be added here...)

16. Use of spinner in android with example.

Answer:

(Detailed explanation to be added here...)

17. Sending and receiving messages in android.

Answer:

(Detailed explanation to be added here...)

18. Intent and its types (implicit and explicit).

Answer:

(Detailed explanation to be added here...)

19. Code for zoom in , zoom out, scroll in scroll out.

Answer:

(Detailed explanation to be added here...)

20. Fragment life cycle.

Answer:

(Detailed explanation to be added here...)

21. Significance of SQLite in android.

Answer:

(Detailed explanation to be added here...)

22. Types of UI.

Answer:

(Detailed explanation to be added here...)

23. Invoking one activity inside other using intent.

Answer:

(Detailed explanation to be added here...)

24. Write a code for Accelerometer.

Answer:

(Detailed explanation to be added here...)

25. Use of onCreate(), onUpgrade() in SQLiteOpenHelper class.

Answer:

(Detailed explanation to be added here...)

26. Content providers in SQLite.

Answer:

(Detailed explanation to be added here...)

27. Mobile strategies or architectures and their selection criteria.

Answer:

(Detailed explanation to be added here...)