

Q1. A class that allows displaying messages on the Logcat window is _____.

- A. Log class**
- B. Show class
- C. makeText class
- D. Toast class

Q2. The _____ can be activated by the setContentView method.

- A. View
- B. Method
- C. Class
- D. Layout**

Q3. The _____ method is the first method executed when the activity is being created.

- A. onStart
- B. onCreate**
- C. onResume
- D. onDestroy

Q4. In _____ stage, the app will have full control of the screen and a greater share of the memory and processing power.

- A. running**
- B. lunch
- C. suspend
- D. start

Q5. When the app is closed using the back button, the _____ methods were called.

- A. onPause and onStop**
- B. onPause, onStop, and onDestroy
- C. onStop and onDestroy
- D. onPause and onDestroy

Q6. Naming conventions are the conventions or rules used for naming _____ in the code.

- A. variables
- B. methods
- C. classes
- D. variables, methods, and classes in the code.**

Q7. When switching over from the Twitter app to the YouTube app, the Twitter app would move into _____ stage, then into _____ stage.

- A. paused, stopping**
- B. paused, stopping**
- C. resuming, running
- D. paused, destroying



Q8. _____ is an XML file which contains information about the Android app including the package name, activity names, and permissions.

- A. AndroidManifest.xml**
- B. Layout.xml
- C. MainActivity.java .
- D. String.xml

Q9. _____ is the space outside of the widget that is left between other widgets – including the margins of other widgets.

- A. LayoutHeight
- B. LayoutWidth
- C. Padding
- D. Margin**

Q10. The use of putExtra method is _____.

- A. To adds extended data to the intent**
- B. To view the content.
- C. To modify the layout
- D. to get values from the intent that are stored in a bundle

Q11. _____ is the space from the edge of the widget to the start of the content in the widget.

- A. Margin**
- B. Padding
- C. LayoutWidth
- D. LayoutHeight

Q12. The simplest layout is _____.

- A. TableLayout
- B. ConstraintLayout
- C. LinearLayout**
- D. FrameLayout

Q13. The onCreateViewHolder method is _____.

- A. called when a RecyclerView is required.**
- B. called when a RecyclerViewAdapter is required.
- C. called when a layout for a list/data item is required.
- D. called when RecyclerViewAdapter is bound to (connected with) RecyclerView in the layout.



Q14. _____ is the unit of measurement used for setting the size of various attributes of widgets.

- A. cm
- B. sp
- C. dp
- D. ps

Q15. The _____ method is part of the Fragment / DialogFragment class, and it returns a reference to Activity, which will create DialogFragment.

- A. DialogFragment
- B. getActivity
- C. AlertDialog.Builder
- D. Activity

Q16. Dialogs in Android are sophisticated classes that consist of _____.

- A. Java classes only
- B. Layouts only
- C. Layouts and other specific User Interface (UI) elements
- D. User Interface (UI) elements.

Q17. In Java, blueprint created for an object is called _____.

- A. a program
- B. a method
- C. an object
- D. a class

Q18. Which file contains all the text used in the Android application?

- A. String.java
- B. Manifest.xml
- C. String.xml
- D. Text.xml

Q19. The _____ method is where the app initializes the code that maintains the user interface.

- A. onCreate
- B. onStart
- C. onResume
- D. onStop



Q20. The onCreate method_____an activity in Android.

- A. End
- B. Suspend
- C. lunch
- D. Terminate

Q21. AVD stands for_____.

- A. Application Virtual Development.
- B. Application Verified Development.
- C. Android Verified Device.
- D. Android Virtual Device.

Q22. Android is _____ based operating system.

- A. Linux
- B. Windows
- C. Google OS
- D. Mac

Q23. Which of the following method produces log messages?

- A. Log.i()
- B. Log.show()
- C. Log.display()
- D. Log()

Q24. What does API stand for?

- A. Application Programming Interface
- B. Android Programming Interface
- C. Application Page Interface
- D. Android Page Interface



LONG QUESTIONS:

Q25. In Android Studio, when creating a new project, there are some files loading in the project by default. Explain in detail the use of these files.

- 1- AndroidManifest.xml
- 2- MainActivity.java
- 3- Colors.xml
- 4- Strings.xml

Answer:

1- AndroidManifest.xml is an XML file which contains information about the Android app. This includes the package name, activity names, main activity (the entry point to the app),

2- MainActivity.java: Contains the basic activity template along with Firstfragment.java and SecondFragment.java files

- Contains the code to handle the navigation of the user between the screens of the Basic Activity Template.

3- Colors.xml □ defines the color to be displayed on the screen.

4- String.xml □ defines the name of the app created

Q26. the differences between the onCreate method and the onResume method.

Answer:

onCreate: first method is executed when the activity is being created.

- Declare the UI setContentView, graphics, sound.

onResume: This method runs after onStart.

- It is also invoked after the app being previously paused.

- Reloads the previously saved user data from when the app was interrupted, a phone call or the user running another app.

