Mid Exam Question & Answer - All in One

1. **Which of the following is a typical example of gaining a reference to a View item, for example in order to attach an event listener to it?**
a. Button infoBtn = (Button) findViewById(R.id.info_btn);
b. View infoView = new View(this);
c. Button infoBtn = (Button) getView(R.id.info_btn);
d. View infoView = (View) getContext();

2. **Which of the following must be supplied for each View in an Android XML layout?**
a. **id and layout_width**
b. width and height
c. id and layout_weight
d. layout_width and layout_height

3. **Which of the following defines the padding for an XML View?**
a. android:layout_padding
b. android:padding
c. android:view_padding
d. android:padding_width

4. **_____ is used to uniquely identify the framework API revision offered by a version of the Android**
a. platform
b. Version Number
c. API Level
d. Code Name

5. **In apps developed for Android 3.0 and higher, options menu items appear in the Action Bar.**
a. True
b. False

6. **What do you mean by interface in android?**
a. Interface is not service
b. Interface is a class

c. Interface acts as a bridge between class and the outside world.
d. Interface is a layout file

7. **What tool can developers use to download Android SDK versions, samples, and other development tools for app development?**
a. The Android Tool Manager
b. The Android Developer Plug-in
c. And-Doc
d. The Android SDK Manager

8. **Which of the following class in android displays information for a short period of time and disappears after some time?**
a. toast class
b. log class
c. maketest class
d. None of the above

9. **What is an AVD?**
a. An Android Virus Definition
b. A set of device configuration details for use with the Android emulator
c. An Android code versioning module
d. A file used to define an Android app's name, icon, and other settings

10. **What is the function of Mainfest.xml in Android?**
a. It has the information about activities in an application
b. It has the information about layout in an application
c. It has all the information about an application
d. None of the Above

11. **What does the Android project folder "res/" contain?**
a. Resource files
b. Java source code
c. Libraries
d. Java Activity classes

12. **What is the name of the class which is inherited to create a user interface screen?**

a. <mark>Activity</mark>
b. None of these
c. ViewGroup
d. View

13. If your app is building but is not installing properly on your device, what is the most likely reason?
a. The app is built for an Android SDK version that is not compatible with your device.
b. The device is not connected to your development machine properly.
c. The device settings have not enabled USB debugging.
d. <mark>All of the above.</mark>

14. What is one way can you connect Android devices to your development environment for debugging?
a. Port 411
b. DebugLink technology
c. <mark>USB</mark>
d. None of the above.

15. In which tab error is shown?
a. View
b. Memory
c. ADB Logs
d. <mark>Logcat</mark>

16. The XML file that contains all the text that your application uses
a. text.xml
b. <mark>strings.xml</mark>
c. string.java
d. stack.xml

17. How can we ensure security securities in Android?
a. <mark>App and Kernel level security</mark>
b. Android level security
c. Java level security
d. None of the above

18. Which of the following is not one of the pre-defined Android View Groups?

a. RelativeLayout
b. FixedLayout
c. GridLayout
d. TableLayout

19. Which of the following is a method of the View class which allows you to set the Layout Parameters, passing a ViewGroup as parameter?
a. setLayoutParams
b. setLayoutParameters
c. setParameters
d. layoutParams

20. Which compiler converts java byte code into Dalvik byte code?
a. Dalvik Converter
b. Android Interpretive Compiler
c. Mobile Interpretive Compiler
d. Dex compiler

21. Which of the following defines a left margin of 10 pixels in an XML View item?
a. android:marginLeft="10dp"
b. android:layout_margin_left="10dp"
c. android:margin_left="10dp"
d. android:layout_marginLeft="10dp"

22. Which of the following classes is used to display a message in an Android app only for a moment?
a. Context
b. Toast
c. Alert
d. Message

23. Which media format are supported by Android?
a. MP4
b. AVI
c. MIDI
d. Above A & C

24. Which operating systems support Android SDK Development?

a. Windows
b. Mac
c. Linux
d. **All of the above**

25. Which of the following is the correct outline for the "onClick" method in an OnClickListener?
a. public void onClick(Activity a)
b. **public void onClick(View v)**
c. public void onClick(Context c)
d. public View onClick(this)

26. Which of the following layout arranges its children into rows and columns?
a. RelativeLayout
b. **TabeLayout**
c. FrameLayout
d. None

27. Specify the directory name where the XML layout files are stored
a. /assets
b. /res/values
c. **/res/layout**
d. /src

28. Which of these methods is called first when an Activity is initially launched?
a. onStart()
b. onPause()
c. **onCreate()**
d. onResume()

29. Action bar can be associated to
a. Only Fragments
b. **Only Activities**
c. Both Activities and Fragments
d. None

30. In which of the following locations would you include XML code to define a menu resource, including the menu items?
a. res/xml/main_menu.xml

b. res/menu/main_menu.xml
c. res/menus/main_menu.xml
d. res/layout/main_menu.xml

31. Which of the following is used to bind data to a layout View?
a. Activity
b. Context
c. Intent
d. Adapter

32. What does the following specify when placed in the XML for a menu item: android:showAsAction="ifRoom"
a. the item must always appear in the Action Bar
b. the item must always appear in the overflow menu
c. the item should appear in the Action Bar if there is room, otherwise appearing in the overflow menu
d. the item should appear in the overflow menu if there is room, otherwise appearing in the Action Bar

33. What does ADB stand for?
a. Android Data Bot
b. Android Debug Bridge
c. Android Device Bridge
d. Active Digital Brain

34. Which of the following Java code samples could be used to apply an XML layout resource to an Activity?
a. findViewById(R.id.help);
b. setContentView(R.layout.help);
c. addContentView(R.layout.help);
d. setVisible(true);

35. What do you mean by sandbox in android?
a. Android development tool kit
b. Android Box
c. Each application runs securely in sandbox without interrupting another process
d. None

36. Which of the following defines a row within the XML for a TableLayout?
a. < TableRow>
b. < Row>
c. < TableRowView>
d. < RowView>

37. Which integrated development environment (IDE) is best suited for beginner Android developers?
a. Microsoft Visual Studio
b. Android Studio
c. JBuilder
d. AndroidDev

38. True or False? You will only need to create one AVD in order to debug your applications
a. True
b. False

39. What is the use of AndroidManifest.xml file?
a. It declares the permissions of the application
b. It declares the minimum level of the Android API that the application requires
c. It facilitates to provide a unique name for the application by specifying package name
d. All

40. Which of the following correctly applies a style saved within an XML file in the res/values folder to a View in a layout file?
a. style="@style/MyStyle"
b. android:style="@style/MyStyle"
c. android:style="MyStyle"

41. The root element of AndroidManifest.xml is :
a. manifest
b. application
c. activity
d. action

42. _____ represents a single user interface screen

a. Service
b. Broadcast Receiver
c. Content Provider
d. Activity

43. Which of the following correctly assigns the content of a TextView using a value defined in the res/values/strings.xml file as follows: < string name="info_text" >Here is the info< /string >
a. android:text="@string/info_text"
b. android:text="@+id/info_text"
c. android:value="@strings/info_text"
d. android:text="@+strings/info_text"

44. Which of the following Java methods returns the actual width of a View when the layout has been applied and the View drawn on screen?
a. getLayoutWidth
b. getWidth
c. getMeasuredWidth
d. getViewWidth

45. Which of the following XML layout excerpts would allow you to identify a View in Java as follows: findViewById(R.id.submit_btn);
a. android:id="@id/submit_btn"
b. android:id="@+name/submit_btn"
c. android:id="@+id/submit_btn"
d. android:id="@string/submit_btn"

46. The basic building element of Android's user interface is called
a. Activity
b. ViewGroup
c. View
d. ContentProvider
e. Layout

47. When does a context menu appear?
a. on pressing
b. on long-pressing
c. on pressing the menu button
d. on swiping