Test 5 Questions

All about Android

Unless a questions states Select all that apply, there is only one correct answer.

1. What does Android Api represent:

A. Version of the Hardware on the device

B. Version of the Android Operating System on the device

C. Version of Java that is on the device

2. What file are all activities declared in for Android:

A. Resources.xml

B. Activites.xml

C. AndroidManifest.xml

D. Activity\_Main.xml

3. What markup language is used to specify views in Android:

A. Xml

B. Json

4. How do you get a reference to a view at runtime? Select all that apply.

A. Set an id in the layout file

B. Call Activity.findView()

C. Call Activity.findViewById()

D. You can not get a reference to a view at runtime.

5. What is the widget called that displays a string of characters:

A. StringView

B. InputView

C. TextView

D. CharView

6. What is the widget called that displays a picture?

A. ImageView

B. BitmapView

C. DrawableView

D. PictureView

7. What are string resources used for? Select all that apply

A. String variables to avoid duplicate definitions

B. Choosing a string to use based on runtime device configuration

C. To define shared preference values

8. What is the widget called that represents a clickable button?

A. ClickView

B. ClickListener

C. ButtonView

D. Button

9. What is the widget called that lets a user enter text

A. TextView

B. EditText

C. InputText

D. Editable

10. What function is called when an Android view is clicked?

A. onClick

B. onTouch

C. onFocus

11. How do you specify a function that will be called after a view is clicked?

Select all that apply.

A. In xml, specify the function name using android:onClick. The function can be in any activity.

B. In xml, specify the function name using android:onClick. The function must be in the activity displaying the view

C. In Java, call setOnClickListener on the view.

D. In Java, override the setOnClick function of the activity.

12. If I want to start a new Activity, what class would I use?

A. OnClickListener

B. Intent

C. View

D. Fragment

13. What parameters are needed to start a new Activity?

A. Context, Class<Activity>

B. Context, Class<View>

C. Activity

D. Context

14. What resource file is used to accommodate different languages?

A. layout.xml

B. languages.xml

C. strings.xml

D. AndroidManifest.xml

15. When referencing a resource file in Java code, which convention must be used?

Assume the file is named resourceFile.

A. @resourceFile

B. R.resourceFile

16. What orientation must the device be in to use the layout-land resource folder?

A. Portrait

B. Landscape

17. What is the first Activity Lifecycle method?

A. onCreate

B. onStart

C. onCreateView

D. onPause

E. onStop

18. What method is unique to the Fragment lifecycle and not the Activity lifecycle?

A. onCreate

B. onStart

C. onCreateView

D. onPause

E. onStop

19. What are the possible ways to create a Fragment? Select all that apply

A. Using a fragment manager

B. Declaring a fragment in xml

C. Calling the Context.addFragment() method

D. Calling the Fragment.addFragment() method

20. What class is used to save data to permanent storage?

A. Preferences

B. SharedPreferences

C. SavedData

D. UserSettings

21. How is permanent storage organized?

A. Key - Value pairs

B. List of Strings

C. List of Integers

D. Blob of binary data

22. How is information passed between Activities and Fragments? Select all that apply

A. Permanent storage

B. Bundle

C. Calling Activity.setData()

D. Calling Fragment.setData()

23. Can two Activities be displayed at the same time?

A. Yes

B. No

24. Can two Fragments be displayed at the same time?

A. Yes

B. No

25. What class is used to create a View from an Xml file

A. Activity

B. Inflater

C. ViewCreator

D. Fragment