Android Application Development - Exam Sample

1   Which of these is not recommended in the Android Developer's Guide as a method of creating an individual View?
   a   Create by extending the android.view .View class.
   b   Create by extending already existing View classes such as Button or TextView.
   c   Create by copying the source of an already existing View class such as Button or TextView.
   d   Create by combining multiple Views.

   Answer: C

2   Which of these is the incorrect explanation of the Android SDK and AVD Manager?
   a   They are provided from version 1.6 of the SDK. Up to Version 1.5, there was an AVD Manager but it lacked SDK management functions.
   b   You can create and startup AVD, and on startup you can delete user data up to that point.
   c   The "android" command can be used if "<SDK install folder>/tools" is added to the command path.
   d   The development tools that can be downloaded from Android SDK and AVD Manager are SDK Android platform, NDK-platform, emulator images, and USB drivers for handsets.

   Answer: D

3   Which of these is the correct explanation regarding the following methods?
   (1)android.content.Context.sendBroadcast
   (2)android.content.Context.startActivity
   a   Both methods are defined by overloading.
   b   Both methods throw an exception.
   c   Both methods are asynchronous.
   d   Both methods are able to broadcast an Intent.

   Answer: D

4   Which of the following is incorrect about ProgressDialog?
   a   ProgressDialog inherits from the AlertDialog class.
   b   ProgressDialog can be set as 2 types of style: STYLE_HORIZONTAL and STYLE_SPINNER.
   c   ProgressDialog is able to apply a custom XML-defined layout by using the setContentView(...) method.
   d   ProgressDialog can be freely configured to use a Drawable class to display as its progress bar.

   Answer: C

5 Which of these is the correct function of Traceview?
- a Displays a graphical task execution log.
- b Displays graphically a memory acquisition and release log
- c Displays graphically the call stack.
- d Displays graphically the UI state hierarchy.

Answer: A

6. Which configuration file holds the permission to use GPS?
- a. Layout file
- b. Manifest file
- c. Source file
- d. Property file

Answer: B

7. Which of the following is the correct way to add an access permission to your application?
- a. Add a <uses-permission> tag as a child tag of the <manifest> tag in AndroidManifest.xml.
- b. Add a <add-permission> tag as a child tag of the <manifest> tag in AndroidManifest.xml.
- c. Add a <uses-permission> tag as a child tag of the <application> tag in AndroidManifest.xml.
- d. add a <permission> tag as a child tag of the <application> tag in AndroidManifest.xml.

Answer: C

8. Which of the following statements is correct about SQLite?
- a. It is an object database.
- b. It is client-server format.
- c. It is possible to create and access a database by using SQLOpenHelper.
- d. It can be accessed by other applications through ContentProvider.

Answer: D

9. When including a text file in your application to read from as a resource, what is the recommended location of such file?
- a. res/anim
- b. res/files
- c. res/raw
- d. res/values

Answer: D

10. Which of the following statements about DDMS is incorrect?
   - e You can display a list of currently running threads and select one to check its stack trace.
   - f You can use it to acquire screenshots of a terminal.
   - g You can forcibly execute garbage collection and check the present heap usage status.
   - h You can do simulations of network zone speed and bandwidth limitations.

   Answer: C

11. What does the following code achieve?
Intent intent = new Intent(FirstActivity.this, SecondActivity.class);
startActivityForResult(intent);

   - a. Starts a browser activity
   - b. Starts a sub-activity
   - c. Starts an activity service
   - d. Sends results to another activity.

   Answer: B

12. When using an implicit intent, what process does the system use to know what to do with it.
   - a. Intent resolution
   - b. Intent declaration
   - c. Intent overloading
   - d. Intent transition

   Answer: A

13 . Which of the following is incorrect about the MenuItem interface?
   - a. The MenuItem instance will be returned by the Menu class add(...) method.
   - b. MenuItem can decide the Intent issued when clicking menu components.
   - c. MenuItem can display either an icon or text.
   - d. MenuItem can set a checkbox.

   Answer: B

14. Which of these is correct about XML layout files?
   - A. In order to display a UI defined in the XML layout file "main.xml", call the setContentView method of the Activity with the parameter string "main.xml".
   - B. There is no distinction between implementation of the layout definition by code, or by XML layout file.
   - C. In an Eclipse project using the ADT plugin, the XML layout file is found in the /res/layout directory.
   - D. Layout information written in the XML layout file will be converted into code by the Android platform when the screen is displayed.

   Answer: C

15. The DalvikVM core libraries are a subset of which of the following?
   - A. Java ME
   - B. Java SE
   - C. Java EE
   - D. JAX-WS

   Answer: B

16. Which of the following is correct about file access in the Android system?
   - A. Generally, files are handled as dedicated resources per each application.
   - B. Files created by an application can be directly accessed by any application.
   - C. The content of file created by application cannot be accessed by any other application.
   - D. You can only access a file from within an Activity.

   Answer: A

17. Which is the correct explanation of ListView?
   - A. It is necessary to use ListView as a set with ListActivity.
   - B. You cannot use a ListView when there is no information to be displayed.
   - C. When displaying a list of Strings using an ArrayAdapter class in ListView, you must save the value in an ArrayList..
   - D. ListView has a function to display a list of uniquely defined Views other than TextView.

   Answer: D

18. Which of following is incorrect about the Toast class?
   - A. You cannot set a custom layout for for a Toast.
   - B. A Toast can only created by an Activity class

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C.   There is no need to close or hide a Toast, since it closes automatically.

D.   A Toast is displayed for only one of the following periods:
Toast.LENGHT_SHORT or Toast.LENGTH_LONG

Answer: B

19 . Which of the following is not a ContentProvider provided natively by Android?
- A. The contacts list
- B. The telephone log
- C. The bookmarks
- D. The application list

Answer: D

20.. What method you should override to use Android menu system?
- A.   onCreateOptionsMenu()
- B.   onCreateMenu()
- C.   onMenuCreated()
- D.   onCreateContextMenu().

Answer: A

21. What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML?
- A.   findViewByReference(int id);
- B.   findViewById(int id)
- C.   retrieveResourceById(int id)
- D.   findViewById(String id)

Answer: B

22. Which of the following is not an Android component (i.e. a point from which the system can enter your application)?
- A.   Service
- B.   Activity
- C.   Layout
- D.   Content Provider

Answer: C

23. During an Activity lifetime, what is the first method callback invoked by the system?
- A. onStop()
- B. onStart()
- C. onCreate()
- D. onRestore()

Answer: C

24. Which of these is the correct explanation of BroadcastReceiver?

    A. The process which BroadcastReceiver makes active will be protected so that it cannot be forcequit.
    B. BroadcastReceiver will only be assumed active when executing getReceive().
    C. BroadcastReceiver notifies the source of optional processing results based on the broadcast contact(s).
    D. BroadcastReceiver displays a user interface.

Answer: A

25. Which configuration file holds the permission to use the internet?
    A. Layout file
    B. Property file
    C. Java source file
    D. Manifest file

Answer: D

26. What does the following line of code achieve?
Intent intent = new Intent(FirstActivity.this, SecondActivity.class);
    A. Creates an hidden Intent
    B. Creates an implicit Intent
    C. Create an explicit Intent
    D. Starts an activity.

Answer: C

27. Which of the following is not a valid usage for Intents?
    A. Activate and Activity
    B. Activate a Service
    C. Activate a Broadcast receiver
    D. Activate a SQLite DB Connection.

Answer: D

28. Which of the following is not a valid Android resource file name?
    A. mylayout.xml
    B. myLayout.xml
    C. my_layout.xml
    D. mylayout1.xml

Answer: B

29. Which of these is not defined as a process state?
   A.   Non-visible
   B.   Visible
   C.   Foreground
   D.   Background

   Answer: A

30. Which of these is the correct interface definition used to bind a Service?
   A. AIDL
   B. IDL
   C. KML
   D. XML

   Answer: A

31. What is the name of the folder that contains the R.java file?
   A.   src
   B.   res
   C.   bin
   D.   gen

   Answer: D