



## Android Pretest level 2

Poin total 99/100



passing grade 95

Nama Lengkap \*

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✓ 'values' subfolder has XML files which defines

1/1

None of the above

Animation

Constant value



Images (PNG and JPEG)

✓ AVD stands for

1/1

Android Virtual Drive

Android Visual Drive

Android Visible Drive

None of the above



✓ Can a class be immutable in android?

1/1

Yes, Class can be immutable



No, it can't

Can't make the class as final class

None of the above

✓ Consider the following code : @Override public void

```
onCreateContextMenu(ContextMenu menu, View v, ContextMenuItemInfo  
menuInfo) { super.onCreateContextMenu(menu, v,menuInfo);  
menu.setHeaderTitle("Menu"); AdapterContextMenuInfo cmi =  
(AdapterContextMenuInfo) menuInfo; menu.add(1, cmi.position, 0, "Open  
file"); menu.add(2, cmi.position, 0, "Save file"); }
```

1/1

- The code assigns actions to menu items
- The code creates menu items for context menu programmatically ✓
- The code inflates an XML file into menu items
- The code opens a menu resource file, modifies it, and saves the changes

✓ Consider the following code: Intent intent = new Intent();  
intent.setAction(Intent.ACTION\_VIEW);  
intent.setData(android.net.Uri.parse("http://www.androidatc.com"));  
startActivity(intent); 1/1

- It sends a result to a new Activity in a Bundle.
- It will not compile without adding the INTERNET permission in the Manifest file
- It starts any activity in the application that has a WebView in its layout
- When it is executed, the system starts an intent resolution process to start the right Activity ✓

✓ Consider the following code : public boolean  
onCreateOptionsMenu(Menu menu) { MenuInflater inflater =  
getMenuInflater(); inflater.inflate(R.menu.game\_menu, menu); return  
true; } 1/1

- The code is auto generated and should not be edited
- This function inflates an XML file in the res/menu folder into menu items ✓
- This method handles clicks and assign actions to menu items
- This method inflates an XML file in the res/layout folder into layout

✓ Data can be read from local source XML in android through 1/1

- DOM parsing
- XML resource parser ✓
- None of the above
- XML pull parsing

✓ During an Activity life-cycle what is the first callback method invoked by the system? 1/1

- onCreate() ✓
- onRestore()
- onStart()
- onStop()

✓ DVM stands for

1/1

- Dalvik Virtualization Machine
- Dalvik Visible Machine
- Dalvik Visual Machine
- Dalvik Virtual Machine

✓ Eclipse is an

1/1

- Android Driver
- IDE
- Android Compiler
- None of the above

✓ Fragment in Android can be found through

1/1

- findViewById
- FragmentManager.findFragmentByID
- getContext.findFragmentByID
- findFragmentByID

✓ How many broadcast receivers are available in android?

1/1

- sendBroadcast().sendOrderBroadcast().and sendStickyBroadcast()
- implicitBroadcast()
- sendIntent()
- onRecieve()

✓ How many levels of securities are there in android?

1/1

- Android level security
- App level security and kernel level security
- Java level security
- None of the above

✓ How many orientations does android support?

1/1

- 10
- 2
- 4
- None of the above

✓ How many protection levels are available in the android permission tag? 1/1

- There are no permission tags available in android
- Normal, kernel, application
- Normal, dangerous, signature, and signatureOrSystem
- None of the above

✓ How to find the JSON element length in android JSON?

1/1

- sum()
- length()
- add()
- count()

✓ How to kill an activity in Android?

1/1

- kill()
- kill()&finish()
- finishActivity(int requestCode)&finish()
- None of the Above

✓ If your application is throwing exception android.content.ActivityNotFoundException which of the following could resolve the problem? 1/1

- Add the activity to AndroidManifest.xml
- Create a new sub-class of the View class
- Create a new broadcast receiver
- Create the activity layout

✓ Is it possible activity without UI in android?

1/1

We can't say

Yes,it's possible ✓

No, it's not possible

None of the above

✓ Method `onDraw()` of class `android.view.View` has the following signature: 1/1

`public Canvas onDraw()`

`public void onDraw(Color)`

`public void onDraw(Canvas)` ✓

`public boolean onDraw(Canvas)`

✓ To create a customized Adapter for a compound list item layout , you should: 1/1

Extend class `android.widget.Adapter` or any of its descendants then override method `getView()` ✓

Extend class `android.widget.AbsAdapter` or any of its descendants, then override method `getView()`

Extend class `android.widget.ListView` or any of its descendants, then override method `getView()`

Extend class `android.widget.Adapter` or any of its descendants, then override method `getAdapterView()`

✓ What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML? 1/1

`findViewById(int id)` ✓

`retrieveResourceById(int id)`

`findViewByld(String id)`

`findViewByReference(int id)`

✓ What are commands needed to create APK in android? 1/1

No need to write any commands

Create apk\_android in command line

None of the above

`Javac,dxtool,aapt tool,jarsigner tool.and zipalign` ✓

✓ What are the functionalities of Binder services in android?

1/1

- Binder is responsible for marshalling and un-marshalling of the data
- Binder is responsible to manage the thread while using aidl in android
- A & B
- Binder is a kind of interface

✓ What are the functionalities of HTTP Client interface in android?

1/1

- Authentication management
- Cookies management
- Connection management
- All of the above

✓ What are the layouts available in android?

1/1

- Linear Layout
- Relative Layout
- Frame Layout
- All of above

✓ What are the main components in android?

1/1

- Activity
- Content provider
- Broadcast Receiver
- Services

✓ What does the Android project folder "res/" contain?

1/1

- Resource files
- Libraries
- Java Activity classes
- Java source code

✓ What does the following line of code achieve? Intent intent = new Intent(FirstActivity.this, SecondActivity.class); 1/1

- Creates a hidden Intent
- Creates an implicit Intent
- Create an explicit Intent ✓
- Starts an activity

✓ What does this code do? Intent intent = new Intent();  
intent.setAction(Intent.ACTION\_VIEW);  
intent.setData(android.net.Uri.parse("http://www.androidatc.com"));  
startActivity(intent); 1/1

- Starts a service
- Starts an activity using an implicit intent ✓
- Starts a sub-activity
- Sends results to another activity

✓ What is a correct statement about an XML layout file? 1/1

- A file that contains all application permission information
- A layout PNG image file
- A file that contains a single activity widget
- A file used to draw the content of an Activity ✓

✓ What is a thread in android? \* 1/1

- Broadcast Receiver
- Same as services
- Independent dispatchable unit is called a thread ✓
- Background activity

✓ What is an anonymous class in android? \* 1/1

- Manifest file
- Interface class
- Java class
- A class that does not have a name but have functionalities in it ✓

✓ What is an interface in android? \*

1/1

Interface is a layout file

Interface acts as a bridge between class and the outside world ✓

Interface is a class

None of the above

✓ What is anchor view? \*

1/1

Provides the information on respective relative positions ✓

Same as relative layout

Same as list view

None of the above

✓ What is android view group? \*

1/1

Layouts

Base class of building blocks

Collection of views and other child views ✓

None of the Above

✓ What is Android? \*

1/1

Virtual machine

Android is a stack of software's for mobility ✓

Google mobile device name

None of the above

✓ What is ANR in android? \*

1/1

When Android forcefully kills an application it is called ANR

When the application is not responding ANR will occur ✓

Dialog box is called as ANR

None of the above

✓ What is ANR responding time in android? \*

1/1

1 min

10 sec

5 sec ✓

None of the above

✓ What is bean class in android? \*

1/1

A class used to hold states and objects

A mandatory class in android

A bean class can be passed from one activity to another ✓

None of the above

✓ What is broadcast receiver in android? \*

1/1

It will pass the data between activities

It will do background functionalities as services

It will react on broadcast announcements ✓

None of the Above

✓ What is DDMS in android? \*

1/1

Dalvik memory server

Dalvik monitoring services

Dalvik debug monitor services ✓

Device memory server

✓ What is fragment in android? \*

1/1

Layout

Peace of Activity ✓

JSON

None of the above

✓ What is fragment life cycle in android? \*

1/1

onAttach->onCreate --> onCreateView --> onActivityCreated --> onStart -->

✓

- onResume
- onReceive
- onCreate
- None of the above

✓ What is not true about the AndroidManifest.xml file? \*

1/1

- It declares the views used within the application.
- It declares hardware and software features used within the application.
- It declares user permissions the application requires.
- It declares application components.

✓ What is off-line synchronization in android? \*

1/1

- Synchronization with internet
- Synchronization without internet
- Background synchronization
- None of the above

✓ What is sandbox in android? \*

1/1

- Android Box
- Android development tool kit
- Each application runs securely in sandbox without interrupting another process
- None of the above

✓ What is splash screen in android? \*

1/1

- Initial service of an application
- Initial activity of an application
- Initial method of an application
- Initial screen of an application

✗ What is the 9 patch tool in android? \*

0/1

- Device features
- image editable tool

- Using with tool we can redraw images in 9 sections
- image extension tool

Jawaban yang benar

- Using with tool we can redraw images in 9 sections

- ✓ What is the life cycle of foreground activity in android? \*

1/1

- onCreate -> onStart -> onResume ->onStop
- onCreate -> onStart -> onResume -> onStop -> onRestart
- onCreate -> onStart -> onResume
- None of the above



- ✓ What is the location of the APK generated by the build system of Android Studio? \*

1/1

- app/build/apk
- app/apks
- app/build/outputs/apk
- app/intermediates/outputs/apk



- ✓ What is the name of the class used by Intent to store additional information? \*

1/1

- Parcelable
- DataStore
- Bundle
- Extra



- ✓ What is the package name of HTTP client in android? \*

1/1

- com.json
- org.apache.http.client
- org.json
- com.android.JSON



- ✓ What is the parent class of all Activity widgets? \*

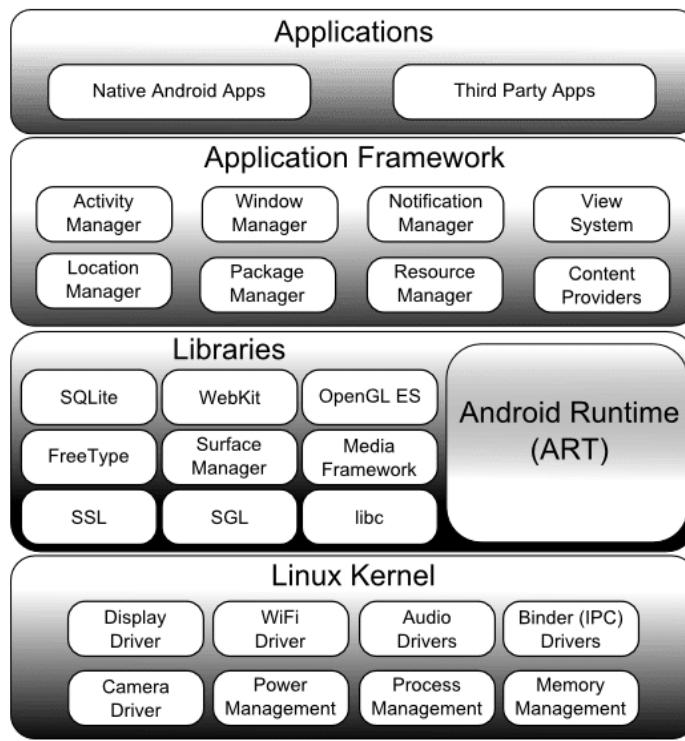
1/1

- Widget
- ViewGroup
- Layout
- View ✓

✓ What is the role of the R.java file in an Android application project? \* 1/1

- It contains all resource IDs allowing the developer to reference them from the code using integers. ✓
- It contains information about content providers of the Android application.
- It contains instructions to build the Android application project.
- It contains the target SDK version number.

#### Android Architecture



✓ What is the second layer from top called in the following diagram of Android's Architecture? \* 1/1

- Applications layer.
- Linux kernel
- Application framework ✓
- Android runtime

✓ What is the time limit of broadcast receiver in android? \*

1/1

10 sec

5 sec

15 sec

1 hour

✓ What is transient data in android? \*

1/1

Permanent data

Secure data

Logical data

Temporary data

✓ What method you should override to use Android's menu which is placed on the action bar? \*

1/1

onMenu(Created)

onMenuCreated()

onCreateOptionsMenu()

onCreateMenu()

✓ When is the intent resolution process triggered? \*

1/1

When an explicit intent starts a service

When the application calls method startAcitivIntentResolution.

When the system receives an explicit intent to start an activity

When the system receives an implicit intent to start an activity

✓ When publishing an update to your application to the market the following must be taken into consideration: \*

1/1

The package name does not have to be the same and the .apk can be signed with a different private key.

The package name does not have to be the same but the .apk must be signed with the same private key.

The package name must be the same and the .apk must be signed with the same private key.

The package name must be the same but the .apk may be signed with a different private key.

✓ When the user clicks on an action item in the action bar, which of the following Activity methods does the system call? \* 1/1

- onActionButtonSelected()
- onActionBarItemSelected()
- onOptionsItemClicked()
- onOptionsItemSelected()



✓ Which Android permission you should add to allow your application to read the device's address book? \* 1/1

- READ\_ADDRESS\_DATA
- READ\_PHONE\_CONTACTS
- READ\_PHONE\_STATE
- READ\_CONTACTS



✓ Which configuration file holds the permission to use the internet? \* 1/1

- Layout file
- Property file
- Manifest file
- Java source file



✓ Which file specifies the minimum required Android SDK version your application supports? \* 1/1

- build.gradle
- R.java
- main.xml
- strings.xml



✓ Which folder contains the Android project Java files? \* 1/1

- java
- manifests
- assets
- res



✓ Which method should you use to start a sub-activity? \* 1/1

- startSubActivity(Intent intent)
- startActivityForResult(Intent intent) ✓
- startActivityForResult(Intent intent)
- startService(Intent intent)

✓ Which of the following attributes is used to set an activity screen to landscape orientation? \* 1/1

- android:ScreenOrientation="landscape"
- screenOrientation="landscape"
- android:screenOrientation="landscape" ✓
- screenorientation = landscape

✓ Which of the following best explains the Android context menus? \* 1/1

- It is a popup menu displays a list of items in a vertical list that's anchored to the view that invoked the menu.
- It is a floating menu that appears when the user performs a long-click on an element. It provides actions that affect the selected content or context frame. ✓
- It is the primary collection of menu items for an activity. It's where you should place actions that have a global impact on the app such as "Search" "Compose email" and "Settings".
- It is a sub-menu of an options menu item.

✓ Which of the following best explains the Android option menus? \* 1/1

- It is a popup menu that displays a list of items in a vertical list anchored to the view that invoked the menu.
- It is a type of List Activity with predefined headers and footers for special commands.
- It is the primary collection of menu items for an activity where you should place actions that have a global impact on the app such as "Search" "Compose email" and "Settings". ✓
- It is a floating menu that appears when the user performs a long-click on an element. It provides actions that affect the selected content or context frame.

✓ Which of the following does NOT correctly describe interface android.widget.Adapter? \* 1/1

- It provides access to deprecated ListView methods. ✓

- It is responsible for making a View for each item in the data set.
- It is an object that acts as a bridge between a View and underlying data for that view.
- It provides access to the data items.

✓ Which of the following is incorrect about intents? \*

1/1

- They can be used to start an Activity
- They can be used to start a dialog-themed activity
- They can be used to start database insertion
- They can be used to start a service

✓ Which of the following is not a valid Android resource file name? \*

1/1

- mylayout.xml
- my\_layout.xml
- mylayout1.xml
- myLayout.xml

✓ Which of the following is NOT a valid usage for Intents? \*

1/1

- Activate a Broadcast receiver
- Activate a Service
- Activate a SQLite DB Connection
- Activate an Activity

✓ Which of the following is not an Android component (i.e. a point from which the system can enter your application)? \*

1/1

- Layout
- Activity
- Service
- Content Provider

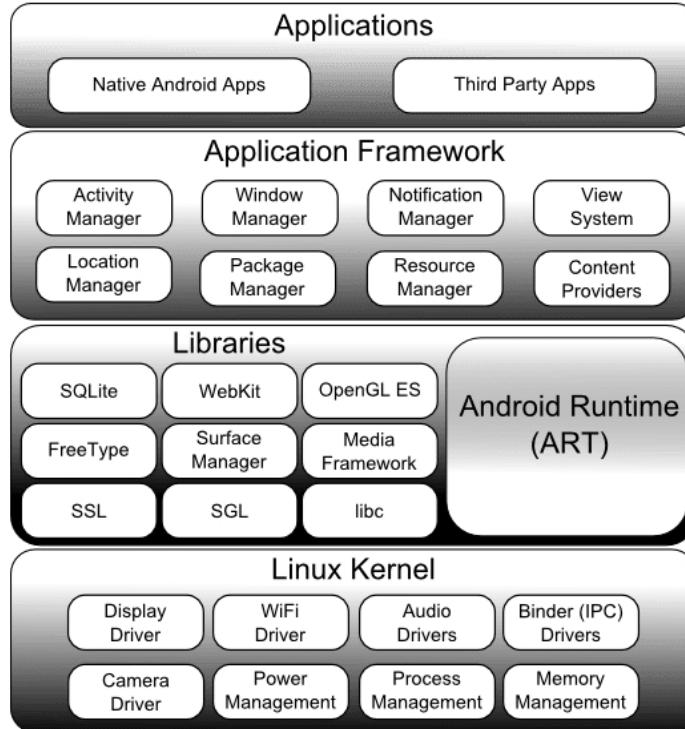
✓ Which of the following is NOT correct about the Gradle build system of Android Studio? \*

1/1

- Gradle supports generating only one build variant
- The Gradle build file is called build.gradle

- Gradle uses the Groovy syntax to configure the build
- A build is configured by using elements provided by the Android plugin for Gradle

Android Architecture



- ✓ Which of the following is not included in the Android application framework? \*

1/1

- DialerManager
- WindowManager
- PackageManager
- NotificationManager

- ✓ Which of the following is NOT true about class AsyncTask? \*

1/1

- It must be used by sub-classing it.
- It uses three generic types
- It must be created on the UI thread.
- Its sub-class override at least two methods: doInBackground onPostExecute. ✓

- ✓ Which of the following is NOT true about the R.java file? \*

1/1

- It contains resource IDs for all resources in your /res/ folder

- It is auto-generated during the build of the project
- It can be modified manually to change the ID of a resource ✓
- It is used by developers to access any resource through an ID

✓ Which of the following lines of code is used to pass a value to the next activity? \* 1/1

- Intent i = new Intent(thisnewActivity); i.putExtra("value1","test"); startActivity(i); ✓
- Intent i = new Intent(thisnewActivity); i.putValue("value1","test"); startActivity(i);
- Intent i = new Intent(thisnewActivity); i.addExtra("test"); startActivity(i);
- Intent i = new Intent(thisnewActivity); i.putValue("test"); startActivity(i);

✓ Which of the following lines of code sets the entire Activity window as a WebView? \* 1/1

- setContentView(<http://www.androidate.com>);
- WebView webview = new WebView(this); setContentView(webview); ✓
- WebView webview = new WebView(this); webview.setAsWindow;
- setContentView(R.layout.webview);

✓ Which of the following lines of codes adds zoom controls to a WebView? \* 1/1

- webView.getSettings().setBuiltInZoomControls(true); ✓
- webView.getSettings().setZoomControls(true);
- Zoom controls are included by default in WebViews
- webView.getZoomSettings().setControls(CONTROLS.enabled);

✓ Which of the following methods is called in an Activity when another activity gets into the foreground? \* 1/1

- onDestroy()
- onPause() ✓
- onExit()
- onStop()

✓ Which of the following packages does not have classes needed for Android network connections? \* 1/1

org.apache.http

android.location ✓

java.net

android.net

Which of the following statements is incorrect about Android Device Monitor in Android Studio? \* 1/1

You can display a list of currently running threads and select one to check its stack trace.

You can forcibly execute garbage collection and check the present heap usage status.

It can add dynamically Google SDK libraries to the Android image running on the emulator. ✓

You can do simulations of network zone speed and bandwidth limitations.

Which of the following statements is NOT correct about Android fragments? \* 1/1

The life-cycle of a fragment is totally independent of the activity hosting it ✓

Fragments have their own life-cycle.

Multiple fragments can be combined in a single activity

You can add/remove fragments to and from an activity dynamically; i.e. while the activity is running

Which of the following tools creates certificates for signing Android applications? \* 1/1

logcat

adb

keytool ✓

certgen

Which of these files contains text values that you can use in your application? \* 1/1

res/values/strings.xml ✓

res/Text.xml

AndroidManifest.xml

res/layout/Main.xml

✓ Which of these is the incorrect method for an Application to save local data? \* 1/1

- Extend PreferencesActivity and save in an XML file.
- Save in the database using SQLite
- Save as a file in the local file system
- Save in the hash table file using the Dictionary class ✓

✓ Which one of the following is not a valid name for process state? \* 1/1

- A Visible
- Bound ✓
- Background
- Foreground

✓ Why don't we give MIN SDK as 1 in android? \* 1/1

- Android doesn't allow min version 1
- Android deprecated version ✓
- There is no value for 1
- None of the above

✓ Gradle is the build system used in Android Studio. It builds, tests, runs, and packages your apps. \* 1/1

- True ✓
- False

✓ You can create a custom view by extending class Activity. \* 1/1

- True
- False ✓

✓ Which of the following is NOT true about a content provider? \* 1/1

- It manages access to structured data
- It cannot be used from inside an Activity ✓

- It facilitates access to Android's SQLite databases
- To access data in it, method getContentResolver() of the application's Context is used

✓ Which of the following lines of code starts activity Activity2 from a current activity Activity1? \*

1/1

- Intent intent = new Intent(this,new Activity2()); startActivity(intent);
- Intent intent = new Intent(new Activity2()); startActivity(intent);
- Intent intent = new Intent(this,Activity2.class); startActivity(intent); ✓
- Intent intent = new Intent (Activity1.class,Activity2.class); startActivity(intent);

✓ Which of the following makes a ListView Clickable? \*

1/1

- setClickable(true)
- setVisibility(View.Visible)
- setEnabled(true) ✓
- setItemsEnabled(true)

✓ Which of the following is a Java call-back method invoked when a view is clicked? \*

1/1

- Detector
- OnTapListener
- OnClickDetector
- OnClickListener ✓

✓ Which of the following is not an Activity lifecycle call-back method? \*

1/1

- onStart
- onCreate
- onBackPressed ✓
- onPause

✓ Which method is used to close an activity? \*

1/1

- Destroy()
- Finish() ✓

Stop()

Close()

✓ What is the first callback method invoked by the system? \*

1/1

onStop()

onStart()

onCreate() ✓

onRestore()

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