

ered
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tion

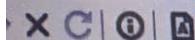
In AndroidManifest.xml file, attribute specifies the name of your application.

What is the correct answer for the blank?

Select one:

- a. versionCode
- b. versionName
- c. None of the given
- d. icon
- e. label

ode



on 4
et answered
ed out of 1.0
lag question

What is/are the features that Toast cannot be done?

Select one or more:

- a. Notify application about its current status
- b. Toast messages Shown with a custom layout.
- c. Be focused or clicked.
- d. Shown with bi-direction margins
- e. Shown with a custom position at the screen with a combination of its gravity and x-y offset

SLIIT

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IT19142524 Jayasena W.K.K. IT19142524

Question 2
Not yet answered
Marked out of 1.0
 Flag question

Which statement does not explain the fragments in android?

Select one:

- a. An activity may contain 0 or multiple numbers of fragments based on the screen size.
- b. A fragment can be reused in multiple activities
- c. Fragments are used to efficiently use the space in wider screen devices.
- d. A fragment can't exist independently.
- e. The fragment lifecycle is not affected by the activity lifecycle.

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Quiz navigation

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15	16	17	18	19	20
22	23	24	25		

Finish attempt ...
Time left 0:23:51

SLIIT

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Online learning has become a key mode of learning in 2020. SLIIT is planning to introduce a mobile application to the students. Lecture downloading, sending feedback, attention tracking is the main features of this application. Select the incorrect statements about this application from the below list.

on 3
et answered
ed out of 1.0
 Flag question

Select one or more:

- a. This application needs storage permissions
- b. The size of the application can be varied over time
- c. This application is a good example of media handling in an android application
- d. All the above statements are incorrect
- e. This application should be able to work without the internet

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Online learning has become a key mode of learning in 2020. SLIIT is planning to introduce a mobile application to the students. Lecture downloading, sending feedback, attention tracking is the main features of this application. Select the incorrect statements about this application from the below list.

3 answered out of 1.0 question

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Moodle

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it191966

Question 2
Not yet answered
Marked out of 1.0
Flag question

"ABC Bank" is a leading bank in Sri Lanka and it has many customers everywhere in the country. The bank is going to introduce a mobile-based banking app that can do online banking. The customers of the bank will get a chance to manage their banking accounts, transfer money, make bill payments, and many other banking activities through the new app. Assume you were hired to develop the app. What are non-functional requirements you need to consider when you develop this application?

Select one:

- a. Usability
- b. All the given requirements should be considered.
- c. Security
- d. Performance
- e. Reliability

Quiz r

1 2
9 10
17 18
25

Finish attempt
Time left 0:2

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What is the most suitable UI element for the given XML code part?

```
<!--  
    android:id="@+id/findTheUIElement"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="52dp"  
    android:layout_marginEnd="76dp"  
    android:layout_marginRight="76dp"  
    android:ems="10"  
    android:inputType="textEmailAddress"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />
```

Select one:

- a. Button
- b. EditText
- c. CheckBox
- d. AutoCompleteTextView
- e. TextView

Moodle ← → X C | O | D *

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Question 4
Not yet answered
Marked out of 1.0
Flag question

When a referenced class can't be loaded by the JRE, Which exception is thrown by?

Select one:

- a. NoClassDefFoundError
- b. NoClassException
- c. ClassNotFoundException
- d. NoSuchClassException
- e. None of the above

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What is the purpose of the following code segment?

```
public static class ExampleFragment extends Fragment {  
    @Override  
    public View onCreateView(LayoutInflater inflater, ViewGroup container,  
        Bundle savedInstanceState) {  
        return inflater.inflate(R.layout.example_fragment, container, false);  
    }  
}
```

Select one:

- a. Create a method to add a fragment to an activity
- b. None of the given
- c. It is a subclass of a fragment that loads a layout from the example_fragment.xml file
- d. The code creates a new fragment called ExampleFragment
- e. Create a class to add a fragment to an activity

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3 answered
out of 1.0
question

Online learning has become a key mode of learning in 2020. SLIIT is planning to introduce a mobile application to the students. Lecture downloading, sending feedback, attention tracking is the main features of this application. Select the incorrect statements about this application from the below list.

Select one or more:

- a. This application needs storage permissions
- b. The size of the application can be varied over time
- c. This application is a good example of media handling in an android application
- d. All the above statements are incorrect
- e. This application should be able to work without the internet

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What is Toast and when or under which condition/s should be used it?

Select one:

- a. Toast is a public method that is used to implement a user extraction and used when the user needs to click the notification
- b. Toast is a view that contains a text which notifies the user with some information for a short period and can use toast when we want to notify the user.
- c. Toast is used for informing some messages to users and when need to change the code.
- d. Toast is used to make a layout file in an android app and used when need to get user messages
- e. Toast is a message and is used when the user needs to change the order of the running application.

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Question 10
Not yet answered
Marked out of 1.0
[Flag question](#)

What is/are include in the Mobile Context Principle in Interface Design?

Select one or more:

- a. When using the application for a long time, it should not be boring.
- b. It has to keep communication between user and application about the status.
- c. The mobile app contains good navigations through the interfaces.
- d. Mobile app support for some operations in offline even it works with the network connectivity.
- e. The application should achieve multiple tasks at the same time. 

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Question 3
Not yet answered
Marked out of 1.0
Flag question

The following are some of the attribute values of a Button in a Constraint layout. id: button, text: Sign Up, textSize: 24sp, textStyle: bold, background: white color.
What is/are the **incorrect** line/s of code in the XML file regarding the above button?

Select one or more:

- a. android:textStyle="bold"
- b. android:textSize="24sp"
- c. android:id="button"
- d. android:text="Sign Up"
- e. android:background="@android:color/white"

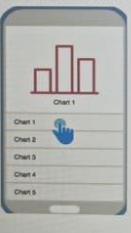
Next page

Moodle

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Question 8
Not yet answered
Marked out of 1.0
Flag question

The following application UI contains two parts, the upper section, and the lower section and the lower section. The Upper section displays the chart based on the option you have selected from the lower section. Assume you are the mobile app developer and you have to design this UI.
What is true about the following interface design?



Select one:

- a. Only one fragment is enough.
- b. It is required to add five fragments to display 5 charts separately.
- c. Only a single Activity is enough.
- d. One activity for the upper section and another activity for the lower section are required.
- e. Only one single activity and two fragments are enough.

Quiz navigation

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25				

Finish attempt ...
Time left 0:20:18

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What is/are the method/s you can override in the fragment class?

A. onAttach()
B. onCreate()
C. onCreateView()
D. onActivityCreated()

Select one:

b. All are correct
 c. A, C and D only
 d. A and C only
 e. A, B and C only

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Question 9
Not yet answered
Marked out of 1.0
 Flag question

What is/are the correct statement/s about the following code segment?

Button Ok:
@Override
protected void onResume() {
super.onResume();
Ok.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
Intent intOk = new Intent(MainActivity.this, MainMenu.class);
startActivity(intOk);
}
})

Select one or more:

a. Once the user clicks the "Ok" button, MainActivity will be displayed on the screen.
 b. Once the user clicks the "Ok" button, the Mainmenu activity will be displayed on the screen.
 c. Using this code segment can pass a synchronous message to Mainmenu activity to start
 d. When user clicks the "Ok" button, it navigates to MainMenu and destroys the MainActivity.
 e. Using this code segment, it can pass an asynchronous message to Mainmenu activity to start.

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ll19142524 Jayasena W.K.K. ll19147514

Question 4
Not yet answered
Marked out of 1.0
 Flag question

What is Toast and when or under which condition/s should be used it?

Select one:

a. Toast is used to make a layout file in an android app and used when need to get user messages
 b. Toast is a public method that is used to implement a user extraction and used when the user needs to click the notification
 c. Toast is a view that contains a text which notifies the user ~~with~~ some information for a short period and can use toast when we want to notify the user.
 d. Toast is a message and is used when the user needs to change the order of the running application.
 e. Toast is used for informing some messages to users and when need to change the code.

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25			

Finish attempt --
Time left 0:18:42
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What is the purpose of the following code segment?

```
public static class ExampleFragment extends Fragment {
    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {
        return inflater.inflate(R.layout.example_fragment, container, false);
    }
}
```

Select one:

- a. The code creates a new fragment called ExampleFragment
- b. Create a class to add a fragment to an activity
- c. Create a method to add a fragment to an activity
- d. It is a subclass of a fragment that loads a layout from the example_fragment.xml file
- e. None of the given

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Question 6
Not yet answered
Marked out of 1.0
Flag question

Select the correct statement/s about mobile application testing.

Select one or more:

- a. UI tests are more expensive than unit tests.
- b. Android studio contains two directories called 'test' and 'unitTest' to locate tests.
- c. Clean-up activities can be performed under '@Test' annotation.
- d. Instrumented unit tests can be done on the emulator
- e. In Android studio, set the dependencies to the test libraries in the *app.gradle* file.

PROCEDURAL

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When you are going to create a mobile application to bring up a solution for a problem, you will inevitably come up against the question of whether to build a dynamic or static mobile application.

"ABC Pvt. Ltd" software plan to implement a mobile application according to the client requirement. But they are struggling whether to build a dynamic or static mobile application. The company has been assigned you for research about the dynamic and static mobile application.

Select the correct statement/s from the following list according to your dynamic and static mobile application knowledge. ➔

Select one or more:

- a. According to fetch data from database we can add a number of buttons, fields, options dynamically by using XML file.
- b. Dynamic layouts create using XML to change layouts dynamically.
- c. We can add or delete any view type in XML on runtime.
- d. Static layouts create using Java so that we can add fields, buttons, options in our layout dynamically.
- e. None of the given is correct

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Section 7
Not yet answered
Marked out of 1.0
Flag question

What is/are true about the following code segment?

```
Fragment newFragment = new ExampleFragment();
FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();

transaction.replace(R.id.fragment_container, newFragment);
transaction.addToBackStack(null);

transaction.commit();
```

Quiz navigation

1	2	3	4
9	10	11	12
17	18	19	20
25			

Finish attempt...
Time left 0:16:39

Select one or more:

- a. Display information of stack on fragment
- b. newFragment replaces whatever fragment (if any) is currently in the layout container identified by the R.id.fragment_container ID.
- c. Create a new fragment and add a new transaction for that fragment.
- d. Calling commit () perform the transaction immediately.
- e. Replace one fragment with another, and preserve the previous state in the back stack

[Next page](#)

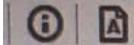
"ABC Bank" is a leading bank in Sri Lanka and it has many customers everywhere in the country. The bank is going to introduce a mobile-based banking app that can do online banking. The customers of the bank will get a chance to do manage their banking accounts, transfer money, make bill payments, and many other banking activities through the new app. Assume you were hired to develop the app.

When making a payment through the app, it needs to confirm the action. What is the most suitable and, secure way to do the confirmation?

Select one or more:

- a. By asking the user to tap on the confirm button on a popup dialog box.
- b. By sending an email to the user with a link and ask the user to confirm by click on the link.
- c. By sending a message to the phone with a code and asking the user to enter that code on the confirmation dialog box.
- d. Asking the user to enter e-mail and password again.
- e. By asking the user to enter pre-given passcode.

Next page



What is/are the correct statement/s about the following code segment?

```
Button button;  
 @Override  
 protected void onResume() {  
 super.onResume();  
 button.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent nav = new Intent(MainActivity.this, MessageActivity.class);  
 startActivity(nav);  
 }  
 }  
 }
```

Select one or more:

- a. When executing this code, the user navigates to an activity called MainActivity.
- b. This code allows application activity to request functionality from other android activity.
- c. Once the user clicks the button, the activity manager is responsible to destroy the previous activity.
- d. This 'nav' object is an object that provides runtime binding between separate activities.
- e. By using the button, the user can access both MainActivity and MessageActivity.



10

answered

out of 1.0

question

Which describes the "View" in mobile applications?

Select one:

- a. The view is the container that defines the layout structure.
- b. View Group consists of only a set of views.
- c. Layouts can be created on Views.
- d. Buttons, text views, widgets are examples for View Groups.
- e. Views consist of objects that a user can see and interact with.

What is the correct line of code in XML to set the background color (white) of the layout?

Select one:

- a. background="@android:color/white"
- b. app:background= "@app:color/white"
- c. background = "android:color/white"
- d. android:background = "color/white"
- e. android:background="@android:color/white"



What is/are the correct statements about the intent class constructor?

Select one or more:

- a. The intent class constructor has two parameters.
- b. All statements are incorrect.
- c. The first parameter should use “class” keyword.
- d. The second parameter should use “this” keyword.
- e. “this” keyword is a reference to the current activity.

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Question 8
Not yet answered
Marked out of 1.0
Flag question

What are the most suitable phrases that imply about User Interface(UI) and User Experience(UX) in mobile applications?

Select one or more:

- a. Good Design Thinking Methodology creates good UIs.
- b. Both UI and UX give benefit to users.
- c. User Interface attracted the users but User Experience simplifies the usage of the app.
- d. Responsiveness, Consistency, and familiarity make the user interfaces with good user experiences.
- e. Can state the User Experience as usability.

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Question 20
Not yet answered
Marked out of 1.0
Flag question

"SuperDeals" is a food delivery service that operates in Colombo and suburbs. They record customer orders through a mobile app and let their customers give a review/rating through their app, based on them they are planning to improve their service further. Also, this app lets its customers do their payments online while they make their orders. The product owner initially wants an app that you can use to display the types of meals they offer and checkout operations.

What is the most suitable, user-friendly layout type to display food items?

Select one:

- a. Relative layout
- b. List view layout
- c. Web view layout
- d. Grid view layout
- e. Linear layout.

[Next page](#)

Moodle

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Question 9
Not yet answered.
Marked out of 1.0
Flag question

One of the 2nd year student groups is going to create a social media mobile application for their MAD-mini project. In their requirement analyzing phase they identify, this application needs to handle a large number of users and they need to store images, videos, user details and, chat messages history. Finally, they decided to use SQLite as a database in this application.
What is/are your opinion about their database selection?

Select one or more:

a. SQLite is a reliable DB so, I agreed with their selection.

b. SQLite file format is cross-platform. It is an extra advantage for them.

c. SQLite hasn't any access controls so, it's not suitable.

d. SQLite file can't exceed file system limitation so, can be occurred DB handling errors.

e. SQLite is manageable, they can use it.

Next page

Sri Lanka Institute of Information Technology

```
Button loginButton = new Button(this);
loginButton.setText("Login");

Button registerButton = new Button(this);
registerButton .settext("Register");
```

What is the correct statement out of the following regarding the above code?

Select one:

a. Create two text views and set the text to text views

b. Generate only one button and view only lastly added register button.

c. Create the login button and register button and set the text to the buttons.

d. None of the  given

e. compilation error

File X C | I | A

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22
Answered
out of 1.0
question

Mobile banking has become an essential mobile application due to the lockdown situation of the country. Almost all money transactions can be handled through these mobile applications. Select the incorrect statement about this type of apps, from the following list.

Select one or more:

a. The app should automatically log off from the online portal due to inactivity

b. Security is a major concern when developing these applications

c. Light and dark color themes can be introduced since the usage of this app can be done at any time of the day.

d. The ideal model for this type of application is portrait mode.

e. The app should not allow multiple users to log in.

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Question 12
Not yet answered
Marked out of 1.0
[Flag question](#)

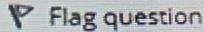
The fragment represents the behavior or a portion of UI in an Activity. Consider the following statements and what out of them?

A. You can combine multiple fragments in a single activity to build a multi-pane UI.
B. You cannot reuse a fragment in multiple activities.
C. An activity can contain any number of fragments.
D. The greatest advantage of a fragment is, it simplifies the task of creating UIs for multiple screen sizes.

Select one:

a. A, C and D
 b. A and B
 c. A, B and C
 d. All are correct
 e. C and D

 Sri Lanka Institute of Information Technology

Question 9
Not yet answered
Marked out of 1.0


Which is Not included in Principles of Mobile Interface Designing?

Select one:

- a. Mobile Contexts
- b. Gestures
- c. Launching
- d. User Inputs
- e. Consistency

 Sri Lanka Institute of Information Technology

What is/are include in the Mobile Context Principle in Interface Design?

Select one or more:

- a. Mobile app support for some operations in offline even it works with the network connectivity.
- b. When using the application for a long time, it should not be boring.
- c. The application should achieve multiple tasks at the same time.
- d. It has to keep communication between user and application about the status.
- e. The mobile app contains good navigations through the interfaces.



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Question 12

Not yet answered
Marked out of 1.0
Flag question

----- occupies the complete space available on the display of the device.
What is the correct predefined value from the given answers to fill the above blank?

Select one:

- a. 24sp
- b. wrap_content
- c. match_parent
- d. layout_width
- e. vertical



MOBILE ANDROID

Sri Lanka Institute of Information Technology

17

Answered
Marked out of 1.0
Flag question

What is/are the incorrect statement/s about mobile application testing?

Select one or more:

- a. End-to-end tests are contained in the 'androidTest' directory.
- b. When testing software, it is important to check if it meets the user requirements as well as social requirements.
- c. The pilot version of the software is tested by real users in a controlled environment.
- d. Statements under '@Before' are executed before each test.
- e. In offline scenario Verification, mobile applications are checked by communication breaking the middle.

Next

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X C | i | A

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3
Answered
of 1.0
Question

The following XML code is a common example of using an ImageView to display an image resource: (P.S: Name of image file: my_image.png). Select the missing code line that is matching to the given blank.

```
<LinearLayout  
    xmlns:android="http://schemas.android.com/apk/res/android"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent">  
    <ImageView  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
  
        android:contentDescription="@string/my_image_description"  
    />  
</LinearLayout>
```

Select one:

- a. android:drawable="my_image"
- b. android: image="my_image.png"
- c. android:src="@drawable/my_image"
- d. android:image= "@image/my_image"
- e. None of the given

Which of the following methods is called in an Activity when another activity gets into the foreground?

- **onDestroy()**
- **onStop()**
- **onPause()**
- **onExit()**

What is not true about the AndroidManifest.xml file?

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

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

- **Activate a SQLite DB Connection.**
- Activate a Broadcast receiver.
- Activate a Service.
- Activate and Activity.

What is the parent class of all Activity widgets?

- Layout
- ViewGroup
- **View**
- Widget

What is an anonymous class in android?

- Interface
- Java Class
- Manifest File
- **A class that does not have a name but have functionalities in it**

When developing for the Android OS, Java byte code is compiled into what?

- Java Source Code
- Dalvik Application Code
- **Dalvik Byte Code**
- C Source Code

• The requests from Content Provider **class** is handled by method

- A. onCreate
- B. onSelect
- C. onClick
- D. **ContentResolver**

• Android releases since 1.5 have been given nicknames derived from how?

- A. Adjective and strange animal
- B. Food
- C. Something that starts w/ 'A' -> Something that starts w/ 'B'...
- D. American states

What is transient data in android?

- A - Permanent data
- B - Secure data
- C - Temporary data
- D - Logical data**

Answer : D

Transient data is logical data and we can store application logic in it.

What is broadcast receiver in android?

- A - It will react on broadcast announcements.**
- B - It will do background functionalities as services.
- C - It will pass the data between activities.
- D - None of the Above

Answer : A

Explanation

It is a main component of android. It reacts on the system broadcast announcements, and it acts as a gateway between outside application environment with your application.

Which one is not a nickname of an Android version?

- Cupcake
- Pie
- Nougat
- **Menthos**

Suggested: Latest Jobs Notifications

Which feature has improved its recognition in Android 10

- **Face Unlock**
- Finger Print Sensor

How many orientations does Android support?

- 4
- 10
- 2
- 1

What is fragment in android?

- A - JSON
- B - Peace of Activity**
- C - Layout
- D - None of the above

Answer : B

Fragment is a peace of an activity. If you want to move your application in 360 degrees, you can do this by using a fragment.

Data can be read from local source XML in android through

- A - XML resource parser**
- B - XML pull parsing
- C - DOM parsing
- D - None of the above

Answer : A

Using with XML resource parser, we can read local resource XML in android.

What is DDMS in android?

- A - Dalvik memory server
- B - Device memory server
- C - Dalvik monitoring services
- D - Dalvik debug monitor services

Answer : D

DDMS provides port forwarding, screen capturing, memory mapping, logcat, calls, SMS etc.

What is bean class in android?

- A - A class used to hold states and objects
- B - A bean class can be passed from one activity to another.
- C - A mandatory class in android
- D - None of the above

Answer : A

Bean class can hold other states and objects. It contains all fields which are private with setter and getter.

What is android view group?

- A - Collection of views and other child views
- B - Base class of building blocks
- C - Layouts
- D - None of the Above

Answer : A

Explanation

View Group is collaborating with views and other child views, It is an invisible container and base classes for layouts.

Which of the following is incorrect about intents?

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

Which of the following Android View sub-classes uses the WebKit rendering engine to display web pages?

- MapView
- PageView
- **WebView**
- HttpClient

Which Of The Following Does Not Belong To Transitions?

- ViewFlipper
- ViewAnimator
- ViewSwitcher
- **ViewSlider**

What Are The Functionalities In AsyncTask In Android?

- OnPreExecution()
- **OnPostExecution()**
- DoInBackground()
- OnProgressUpdate()

Android Is Developed By

- Apple
- Microsoft
- **Google**
- **Android Inc**

Android Web Browser Is Based On

- Chrome
- **Open-source Webkit**
- Safari
- Firefox

Which Media Format Is Not Supported By Android

- MP4
- AVI
- MIDI
- MPEG

How to access the context in android content provider?

- A - Using getContext() in onCreate()
- B - Using intent()
- C - Using getApplicationContext() at anywhere in an application
- D - A & C**
- E - A & B

Answer : D

Explanation

The getContext() method is used in onCreate() method and getApplicationContext() can be used anywhere in an application.

What Does AAPT Stands For?

- Android Asset Processing Tool.
- Android Asset Providing Tool.
- **Android Asset Packaging Tool.**
- Android Asset Packaging Technique

Which Broadcast In Android Includes Information About Battery State Level?

- **Android.intent.action.BATTERY_CHANGED**
- Android.intent.action.BATTERY_LOW
- Android.intent.action.BATTERY_OKAY
- Android.intent.action.CALL_BUTTON

You can shut down an activity by calling its _____ method

- A. onDestory()
- B. finishActivity()
- C. **finish()**
- D. none of the above

The XML file that contains all the text that your application uses

- A. stack.xml
- B. text.xml
- C. **strings.xml**
- D. string.java

On 7 May 2019, Google announced that the Kotlin programming language is now its preferred language for Android app developers.

- True
- False

What was the first phone released that ran the Android OS?

- Google gphone
- **T-Mobile G1C**
- Motorola Droid
- HTC Hero

View Pager Is Used For

- Swiping Activities
- **Swiping Fragments**
- Paging Down List Items
- View Pager Is Not Supported By Android SDK

What Is JNI In Android?

- Java Interface
- **Java Native Interface**
- Java Network Interface
- Image Editable Tool

Mention the features of Android?

- Storage
- Multi-Touch
- **Flash support**
- VAS Support
- all the above

When the activity starts interacting with user which function will be called?

- onCreate()
- OnStart()
- **OnResume()**
- OnStop()

A _____ makes a specific set of the application data available to other applications

- A. Content provider
- B. Broadcast receivers
- C. Intent
- D. None of these

Which among these are NOT a part of Android's native libraries?

- A. Webkit
- B. Dalvik
- C. OpenGL
- D. SQLite

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

- onStop()
- onStart()
- **onCreate()**
- onPause()

What is the latest Android?

- Marshmallow
- Pie
- Q
- Nougat

In Which Directory XML Layout Files Are Stored

- /assets
- /src
- /res/values
- /res/layout

Which Code Used By Android Is Not A Open Source.

- Video Driver
- WiFi Driver
- Device Driver
- Bluetooth Driver

How Many Levels Of Securities Are In Android?

- Android Level Security
- App And Kernel Level Security
- Java Level Security
- None Of The Above

In which technique, we can refresh the dynamic content in android?

- Ajax
- Java
- Android
- None of These

What is an interface in android?

- Interface is a class.
- **Interface acts as a bridge between class and the outside world.**
- Interface is a layout file
- All of the above

• The android library that provides access to UI pre-built elements such as buttons, lists, views etc. is

- A. android.text
- B. android.os
- C. android.view
- D. android.webkit

• Definition of Loader?

- A. loaders make it easy to asynchronously load data in an activity or fragment
- B. loaders make it easy to synchronously load data in an activity or fragment
- C. loaders does not make it easy to asynchronously load data in an activity or fragment
- D. None of the above

Adb Stands For?

- **Android Debug Bridge.**
- Android Drive Bridge.
- Android Delete Bridge
- Android Destroy Bridge.

What is Manifest.xml in android?

- It has information about layout in an application
- **It has all the information about an application**
- It has the information about activities in an application
- None of the above

• Which one is not a nickname of a version of Android?

- A. cupcake
- B. Gingerbread
- C. Honeycomb
- D. Muffin

• DVM is developed by

- A. Linus Torvald
- B. Dennis Ritchie
- C. Dan Bornstein
- D. None of these

Data can be read from local source XML in android through

- A - XML resource parser
- B - XML pull parsing
- C - DOM parsing
- D - None of the above

Answer : A

Using with XML resource parser, we can read local resource XML in android.

We can Snooze notifications from quick panel in Android 10

- True
- False

What is the name of the program that converts Java byte code to Dalvik byte code?

- a. Mobile Interpretive Compiler (MIC)
- b. Dex compiler
- c. **Dalvik Converter**
- d. Android Interpretive Compiler (AIC)

FROYO is nickname of a version of Android 2.2

DDMS stands for Dalvik Debug Monitor Server.

What is contained within the manifest xml file?

- The permission that app requires
- The list of string used in the app
- The source code
- All other choices

What is the difference between margin and padding in android layout?

- Margin is specifying the extra space left on all four sides in layout
- Padding is used to offset the content of a view by specific px or dp
- Both A and B are correct
- None of the above

What does the .apk extension stands for?

- Application package
- Application Program kit
- Android Proprietary kit
- Android Package

What is an anonymous class in android?

A - Interface class

B - A class that does not have a name but have functionalities in it

C - Java class

D - Manifest file

Answer : B

Explanation

Anonymous class doesn't have class name but has some functionalities in it.

A type of service provided by android that controls application lifespan and activity pile is

- A. Activity Manager**
- B. View System
- C. Notifications Manager
- D. Content Providers

Select a component which is NOT part of Android architecture.

- A. Android Framework
- B. Libraries
- C. Linux Kernel
- D. Android Document**

What is the name of the program that converts Java byte code into Dalvik byte code?

- Android Interpretive Compiler (AIC)
- Dalvik Converter
- **Dex Compiler**
- Mobile Interpretive Compiler (MIC)

What is contained within the Layout xml file?

- **Orientations and layouts that specify what the display looks like.**
- The permissions required by the app.
- The strings used in the app.
- The code which is compiled to run the app.

Which file specifies the minimum required Android SDK version your application supports?

- A. main.xml
- B. R.java
- C. strings.xml
- **D. AndroidManifest.xml**

What is the use of content provider in android?

- A. To send the data from an application to another application
- B. To store the data in a database
- **C. To share the data between applications**
- D. None of the above

Question 1

Answer saved

Marked out of 1.00

 Flag question

A type of layout element that allows its children relative position depiction is

Select one:

- a. Relative Layout
- b. Linear Layout
- c. Table layout
- d. Constraint Layout
- e. TextView Layout

Question 2

Answer saved

Marked out of 1.00

 Flag question

putExtras() contains _____ respectively.

Select one:

- a. value and key
- b. value and number
- c. type and category
- d. key and value

Question 3

Answer saved Marked out of 1.00

Flag question

A type of service provided by android that allows sharing and publishing of data to other applications is?

Select one:

- a. Notifications Manager
- b. View System
- c. Activity Manager
- d. Broadcast receiver
- e. Content Providers

Question 4

Answer saved Marked out of 1.00

Flag question

android.webkit libraries is?

Select one:

- a. Used to render and manipulate text on a device display.
- b. A library that contains web browsers
- c. A set of classes intended to allow web-browsing capabilities to be built into applications
- d. The fundamental building blocks of application user interfaces.
- e. A Java interface to the OpenGL ES 3D graphics rendering API.

Question 5

Answer saved Marked out of 1.00

Flag question

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

Select one:

- a. onResume()
- b. onCreate()
- c. onStart()
- d. onRestore()
- e. onStop()

Question 6

Answer saved

Marked out of 1.00

Flag question

In Android Studio, service that provides client-server interface is?

Select one:

- a. startService()
- b. onCreate()
- c. bindService()
- d. onStart()
- e. onBind()

Question 7

Answer saved

Marked out of 1.00

Flag question

In android studio, what is the callback that is called when activity interacts with the user?

Select one:

- a. onStart()
- b. onCall()
- c. onResume()
- d. onRestart()
- e. onStop()

Question 8

Answer saved

Marked out of 1.00

Flag question

Suppose that there are two activities in an application named FirstActivity and SecondActivity. You want to send the website's name from ActivityOne to ActivityTwo. Suppose that the website's name is "CareerRide.com". How will you get the data in secondActivity?

Select one:

- a. Intent intent=getIntent();
String str= intent.getStringExtra("name");
Toast.makeText(this, str , Toast.LENGTH_LONG).show();
- b. Intent intent=getIntent();
String str= intent.getStringExtra("name");
Toast.makeText(this, str , Toast.LENGTH_LONG).show();
- c. Intent intent=getIntent();
String str= intent.getText("name");
Toast.makeText(this, str , Toast.LENGTH_LONG).show();
- d. Intent intent=new Intent;
String str= intent.getStringExtra("name");
Toast.makeText(this, str , Toast.LENGTH_LONG).show();
- e. None of the given options.

Question 9

Answer saved

Marked out of 1.00

 Flag question

What are the Dialog classes in android?

- A - AlertDialog
- B - DatePickerDialog
- C - ProgressDialog

Select one:

- a. A only
- b. A and C
- c. B and C
- d. A, B and C
- e. A and B

Question 10

Answer saved

Marked out of 1.00

 Flag question

What does the following line of code achieve?

```
Intent intent = new Intent(FirstActivity.this, SecondActivity.class);
```

Select one:

- a. Creates an hidden Intent
- b. Creates an implicit Intent
- c. Starts an activity.
- d. Create an explicit Intent

Question 11

Answer saved

Marked out of 1.00

 Flag question

What is responsible to show messages and alerts to users?

Select one:

- a. Content Providers
- b. View System
- c. Activity Manager
- d. Notifications Manager
- e. Toast manager

Question 12

Answer saved

Marked out of 1.00

 Flag question

What is the property that is used for formatting font in Android Studio?

Select one:

- a. textface
- b. fontface
- c. textstyle
- d. fontstyle
- e. typeface

Question 13

Answer saved

Marked out of 1.00

Flag question

What is/are the correct way(s) to start a service in Android?

Select one:

- a. None of the given options
- b. Started only
- c. Bound only
- d. Started and Bound both
- e. By calling its onCreate() method

Question 14

Answer saved

Marked out of 1.00

Flag question

When a dialog is displayed on top of your activity, what will happen?

Select one:

- a. it calls onPause() --> onStop()
- b. it calls onPause() --> onStop()
- c. it calls onPause()
- d. it calls onResume()
- e. it calls onPause() --> onStop() --> onDestroy()

Question 2/208

[<< Prev Question](#)[Next Question >>](#)

Which of the following are layout-related methods called by the framework on views, and you can override them when customizing a view? (Choose two)

 A. onMeasure(). B. onDraw(). C. onKeyUp(). D. onSizeChanged().[Hide answers/explanations](#)

Correct Answer: **A,D**

Question 3/208

[<< Prev Question](#)[Next Question >>](#)

Which of the following is true about attribute android:windowSoftInputMode of the <activity> tag in file AndroidManifest.xml?

- A. It specifies whether the window is in full screen or not
- B. It adjusts how the main window of the activity interacts with keyboard
- C. It adjusts how the window should be launched
- D. It adjusts the window orientation

[Hide answers/explanations](#)

Correct Answer: **B**

Explanation/Reference:

References:

Android ATC Self Study Guide <http://www.androidatc.com/pages-19/Self-Study>

Question 4/208

[<< Prev Question](#)[Next Question >>](#)

Which of the following are benefits for using fragments in your application? (Choose two)

- A. Simplify the reusability of UI components.
- B. Build different layouts for different device configurations.
- C. Add an action bar to your application.
- D. Dynamically add and remove UI components to an activity.

[Hide answers/explanations](#)

Correct Answer: **B,D**

Question 5/208

[<< Prev Question](#)[Next Question >>](#)

How many constraint handles are available to us as part of the ConstraintLayout?

- A. Resize Handle, Side Constraint Handle, Baseline Constraint Handle.
- B. Review Handle, Sides Handle.
- C. All answers are incorrect.
- D. Rescope Handle, Edges Constraint Handle, Centre Constraint Handle.

[Hide answers/explanations](#)

Correct Answer: **A**

Which of the following is required for getting the best output from performance profiling tools in Android Studio?

- A. It works only on real devices.
- B. Disable the instant run before profiling the app.
- C. Enable the instant run before profiling the app.
- D. It works only on real devices and enable the instant run before profiling the app.

[Hide answers/explanations](#)

Correct Answer: D

Saved 1 / 200

[<< Prev Question](#)

[Next Question >>](#)

Which of the following Activity life-cycle methods is called once the activity is no longer visible?

- A. onStop
- B. onPause
- C. onDestroy
- D. onHide

[Hide answers/explanations](#)

Correct Answer: A

Explanation/Reference:

References:

Android ATC Self Study Guide <http://www.androidatc.com/pages-19/Self-Study>

Question 9/208

[<< Prev Question](#)

[Next Question >>](#)

Which of the following is the correct way to add 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

[Hide answers/explanations](#)

Correct Answer: A

Question 8/208

Important Question

<< Prev Question

Next Question >>

Which of the following is true about implicit intents? (Choose two)

- A. They do not have a component specified
- B. They have components specified to run an exact class.
- C. They must include information that allows Android system to choose the best component to run.
- D. They must contain extra information saved in a Bundle object.

[Hide answers/explanations](#)

Correct Answer: A,C

Explanation/Reference:

Implicit intents do not name a specific component, but instead declare a general action to perform, which allows a component from another app to handle it.

References:

<http://developer.android.com/guide/components/intents-filters.html>

Question 9/208

<< Prev Question

Next Question >>

Which of the following is the correct way to add 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

[Hide answers/explanations](#)

Correct Answer: A

Score: 100 / 100

<< Prev Question

Next Question >>

Which of the following Activity life-cycle methods is called once the activity is no longer visible?

- A. onStop
- B. onPause
- C. onDestroy
- D. onHide

[Hide answers/explanations](#)

Correct Answer: A

Explanation/Reference:

References:

Android ATC Self Study Guide <http://www.androidatc.com/pages-19/Self-Study>

Question 14/208

[<< Prev Question](#)[Next Question >>](#)

Which of the following adds a click listener to items in a ListView?

- A. setonClickListener
- B. setOnItemClickListener
- C. setOnItemClicked
- D. setOnListitemClickListener

[Hide answers/explanations](#)

Correct Answer: B

Question 16/208

[<< Prev Question](#)[Next Question >>](#)

Which of the following you cannot achieve by creating your own View sub-classes?

- A. Create a completely new customized View type.
- B. Combine a group of View components into a new single component.
- C. Specify when to destroy an activity and all its views.
- D. Override the way that an existing component is displayed on the screen.

[Hide answers/explanations](#)

Correct Answer: A

Which of the following is the base class of all UI components?

- A. ListView
- B. Layout
- C. View
- D. ViewGroup

[Hide answers/explanations](#)

Correct Answer: C

Explanation/Reference:

Which of the following is the base class of all UI components?

- A. ListView
- B. Layout
- C. View
- D. ViewGroup

[Hide answers/explanations](#)

Correct Answer: C

Explanation/Reference:

Question 18/208

[<< Prev Question](#)

[Next Question >>](#)

Which of the following methods is called first in an Activity when another activity gets into the foreground?

- A. onStop()
- B. onPause()
- C. onDestroy()
- D. onExit()

[Hide answers/explanations](#)

Correct Answer: B

[<< Prev Question](#)

[Next Question >>](#)

Which method is used to close an activity?

- A. Destroy()
- B. Finish()
- C. Stop()
- D. Close()

[Hide answers/explanations](#)

Correct Answer: B

Explanation/Reference:

Which of the following classes is used by Intent to transfer data between different android components?

- A. Extras
- B. Bundle
- C. Parcelables
- D. PendingIntent

[Hide answers/explanations](#)

Correct Answer: **B**

Question 27/208

[<< Prev Question](#)[Next Question >>](#)

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.

[Hide answers/explanations](#)

Correct Answer: **B**

Question 28/208

[<< Prev Question](#)[Next Question >>](#)

What existing layout is closest to ConstraintLayout in terms of functionality?

- A. LinearLayout
- B. FrameLayout
- C. GridLayout
- D. All answers are incorrect

[Hide answers/explanations](#)

Question 30/208

<< Prev Question

Next Question >>

Which of following is incorrect about the Toast class?

- A. You cannot set a custom layout for a Toast.
- B. A Toast can only be created by an Activity class
- 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.LENGTH_SHORT or Toast.LENGTH_LONG

[Hide answers/explanations](#)

Correct Answer: B

Question 39/208

<< Prev Question

Next Question >>

Which of the following is NOT correct about deep linking?

- A. It enables Google to crawl your app content.
- B. It allows users to enter your app from search results.
- C. You have to add intent filters in activities tags in AndroidManifest.
- D. You add intent filter in application tag in AndroidManifest.

[Hide answers/explanations](#)

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);
```

- A. Starts a sub-activity
- B. Starts a service
- C. Sends results to another activity.
- D. Starts an activity using an implicit intent.

[Hide answers/explanations](#)

Correct Answer: **D**

Which of the following are primary pieces of information that are required to define in an implicit Intent?

- A. An action to be performed and a category for additional information.
- B. A Bundle for extra data.
- C. A category of additional information and data to operate on.
- D. An action to be performed and data to operate on.

Question 47/208

[**<< Prev Question**](#)[**Next Question >>**](#)

Which of the following is a valid sequence of invokes to Activity lifecycle methods? (Select Two)

- A. onCreate > onStart > onResume > onPause > onStop > onCreate
- B. onCreate > onStart > onResume > onPause > onStop > onResume
- C. onCreate > onStart > onResume > onPause > onStop > onDestroy
- D. onCreate > onStart > onResume > onPause > onStop > onRestart

[Hide answers/explanations](#)

Which of the following applies a context menu on a ListView (Choose two)?

- A. ListView lv = getListView();
lv.registerForContextMenu()
- B. ListView lv = getListView();
registerForContextMenu(lv);
- C. ListView lv = (ListView) findViewById(R.id.list_view_id);
registerForContextMenu(lv)
- D. getListView().setContextMenuEnabled(true)

[Hide answers/explanations](#)

Question 50/208

[**<< Prev Question**](#)[**Next Question >>**](#)

Consider the following code:

```
Intent i = new Intent(this, MainActivity.class);
i.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
startActivity(i);
```

What best explains the code above?

- A. The activity being launched is already running in the current task, then instead of launching a new instance of that activity, all of the other activities on top of it will be closed and this Intent will be delivered to the (now on top) old activity as a new Intent.
- B. A new Activity will be launched and it will be on the top of the stack
- C. A new activity will be launched but will be in full-screen mode.
- D. Any existing task that would be associated with the activity to be cleared before the activity is started.

Which UI does the following code builds?

```
<?xml version="1.0" encoding="utf-8"?><LinearLayout xmlns:android="http://schemas.android.com/apk/res/android
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical" >
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal" >
        <TextView
            android:id="@+id/textView1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Name:" />
        <EditText
            android:id="@+id/editText1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:ems="10" />
    </LinearLayout>
    <Button
        android:id="@+id/button1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Post" />
</LinearLayout>
```

- A. An edit text to the left of a text view and a button beneath it
- B. An edit text to the right of a text view and a button beneath them
- C. A text view, an edit text beneath it and the button beneath the edit text
- D. An edit text to the right of a text view and a button to the right of the text view

[Hide answers/explanations](#)

Question 52/208

[<< Prev Question](#)

[Next Question >>](#)

Which of the following is not true about <activity> tag in AndroidManifest file?

- A. Declares an activity that implements part of the application's visual user interface
- B. Contained in <application> tag.
- C. Declares a single hardware or software feature that is used by the application.
- D. Has an attribute that specifies the name of the Activity sub-class that implements the activity.

[Hide answers/explanations](#)

Which of the following Activity life-cycle methods is invoked when a dialog is shown?

- A . onPause()**
- B . onCreate()
- C . onStop()
- D . onDestroy()

[HIDE ANSWER](#)

Answer: A

Explanation:

onPause() is where you deal with the user leaving your activity.

References: <http://developer.android.com/reference/android/app/Activity.html>

To add a new Activity to your application, you need to perform the following steps:

- A.** Create a Java class that extends View, set a layout, and add an Activity tag in AndroidManifest.xml
- B.** Create layout resource only.
- C.** Create a Java class that extends Activity, add an Activity tag in AndroidManifest.xml, and create a layout for the activity.
- D.** Add an Activity tag to AndroidManifest.xml, and add ACTIVITY permission.

[Hide answers/explanations](#)

Correct Answer: **C**

Question 59/208

[<< Prev Question](#)

[Next Question >>](#)

You can create a custom view by extending class:

- A.** android.widget.View
- B.** android.widget.LinearLayout
- C.** android.view.View
- D.** android.content.Context

[Hide answers/explanations](#)

Correct Answer: **C**

Question 60/208

<< Prev Question

Next Question >>

Which of these is the incorrect method for an Application to save local data?

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

[Hide answers/explanations](#)

Correct Answer: D

Question 61/208

<< Prev Question

Next Question >>

Which of the following is true about method startActivityForResult?

- A. It starts a new activity in a paused mode.
- B. It starts a new activity and destroys the previous one.
- C. It starts a new activity and resumes the previous one.
- D. It starts a new activity and sends it to the foreground.

[Hide answers/explanations](#)

Correct Answer: D

Question 66/208

<< Prev Question

Next Question >>

What is the name of the folder that contains the R.java file?

- A. src
- B. res
- C. bin
- D. gen

[Hide answers/explanations](#)

Correct Answer: D

Question 67/208

<< Prev Question

Next Question >>

Which of the following are constants for Location providers?

- A. LocationManager.GPS_PROVIDER and LocationManager.GCM_PROVIDER.
- B. LocationManager.GPS_PROVIDER and LocationManager.NETWORK_PROVIDER.
- C. LocationManager.GMS_PROVIDER and LocationManager.GPS_PROVIDER.
- D. LocationManager.GPS_PROVIDER and LocationManager.GMS_PROVIDER.

[Hide answers/explanations](#)

Correct Answer: B

Question 68/208

<< Prev Question

Next Question >>

Which of the following would you consider to be a major disadvantage while performing transitions on pre-lollipop release?

- A. All answers are incorrect.
- B. They could only animate the entire Activity/Fragment container as a whole.
- C. It was not natively supported by Android and needed 3rd party libraries to be performed.
- D. There were only limited number of animations available to developers.

[Hide answers/explanations](#)

Correct Answer: C

Question 69/208

<< Prev Question

Next Question >>

Which one of the following is not a valid name for process state?

- A. Bound
- B. Visible
- C. Foreground
- D. Background

[Hide answers/explanations](#)

Correct Answer: A

Question 74/208

<< Prev Question

Next Question >>

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

- A. onStop()
- B. onStart()
- C. onCreate()
- D. onRestore()

[Hide answers/explanations](#)

Correct Answer: C

Question 78/208

<< Prev Question

Next Question >>

Which of the following is correct about application file access in the Android system?

- A. The content of a file created by an application cannot be accessed by any other application.
- B. Files created by an application can be directly accessed by any application.
- C. You can only access a file from within an Activity.
- D. Generally, files are handled as dedicated resources per each application.

[Hide answers/explanations](#)

Correct Answer: D

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Which of the following are the possible values of app:fabSize attribute of FloatingActionButton?

- A. small, medium, large
- B. small, normal
- C. mini, normal, default
- D. auto, mini, normal

[Hide answers/explanations](#)

Correct Answer: D

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.

Which of the following is correct about application file access in the Android system?

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What is the default background color of FloatingActionButton?

- A.** Application theme's colorPrimary .
- B.** Application theme's colorAccent .
- C.** Application theme's colorPrimaryAccent .
- D.** Application theme's colorPrimaryDark .

[Hide answers/explanations](#)

Correct Answer: **B**

Which of the following tags is not added in <intent-filter> for enabling deep linking in your application?

- A.** <data>
- B.** <category>
- C.** <url>
- D.** <action>

Which of the following is NOT true about method getWindow() of class Dialog?

- A.** It retrieves the current window for the activity.
- B.** It can be used to access parts of the Window API.
- C.** It displays the dialog on the screen.
- D.** It returns null if the activity is not visible.

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

android:scheme is added in which of the following tags?

- A.** <data>
- B.** <url>
- C.** <category>
- D.** <action>

Which package of the following does not have classes needed for Android network connections?

- A.** java.net
- B.** org.apache.http
- C.** android.location
- D.** android.net

Which configuration file holds the permission to use the internet?

- A.** Layout file
- B.** Property file
- C.** Java source file
- D.** Manifest file

What two methods you have to override when implementing Android context menus?

- A.** onCreateOptionsMenu, onCreateOptionsMenu
- B.** onCreateContextMenu, onContextItemSelected
- C.** onCreateOptionsMenu, onOptionsItemSelected
- D.** onCreateOptionsMenu, onContextItemSelected

Which of these files contains text values that you can use in your application?

- A.** AndroidManifest.xml
- B.** res/Text.xml
- C.** res/layout/Main.xml
- D.** res/values/strings.xml

Which of the following is not included in the Android application framework?

- A.** WindowManager
- B.** NotificationManager
- C.** DialerManager
- D.** PackageManager

Which of the following options are true for ConstraintLayout?

- A.** It is available in API level 21 and above.
- B.** It is available in API level 24 and above.
- C.** It is available in API level 9 and above.
- D.** All answers are incorrect.

Which of the following best defines an Android fragment?

- A.** It is a portion of the user-interface that is embedded in an activity.
- B.** It is the component that allows asynchronous loading of data into an activity.
- C.** It is an XML file that defines the layout of an activity.
- D.** It is a type of a drawable resource file.

Which of the following statements are correct about the Action Bar? (Choose two.)

- A.** It is a collection of Android libraries that can be included in your application for backward-compatibility.
- B.** It is a window feature that provides user actions and navigation modes.
- C.** It offers users a consistent interface across applications that the system dynamically adapts.
- D.** It allows applications to receive push notifications.

Which of the following is a call-back method that inflates an options menu from file res/menu/menu.xml?

- A.** onOptionsItemSelected
- B.** onCreate
- C.** onCreateMenu
- D.** onCreateOptionsMenu

What does the following line of code do?

```
Toast toast = Toast.makeText(this,"Android ATC", Toast.LENGTH_LONG);
toast.setGravity(Gravity.TOP|Gravity.RIGHT, 0, 0);
toast.show( );
```

- A.** The toast will have its UI components placed on the top-right corner.
 - B.** The toast will appear on the top-right corner.
 - C.** The toast will show the text message on the top-right corner of the toast box.
 - D.** The toast will appear at the center of the screen at position (0,0), but aligned to the top-right corner.
-

Which of the following lines of code is used to pass a value to the next activity?

- A.** Intent i = new Intent(this,newActivity);
 i.putExtra("value1","test");
 startActivity(i);
- B.** Intent i = new Intent(this,newActivity);
 i.putValue("value1","test");
 startActivity(i);
- C.** Intent i = new Intent(this,newActivity);
 i.putValue("test");
 startActivity(i);
- D.** Intent i = new Intent(this,newActivity);
 i.addExtra("test");
 startActivity(i);

Which of the following statements is NOT correct about Android fragments?

- A.** Multiple fragments can be combined in a single activity.
 - B.** The life-cycle of a fragment is totally independent of the activity hosting it.
 - C.** Fragments have their own life-cycle.
 - D.** You can add/remove fragments to and from an activity dynamically, i.e. while the activity is running.
-

Suppose that the <application> tag in the AndroidManifest.XML file of your application has attribute android.theme="@style/AppTheme". Which of the following contents of file /res/value/style.xml correctly applies to the Light Material Theme to your application?

- A. <resources>
<style name="AppLightTheme" parent="android: Theme.Material">
</style>
</resources>
- B. <resources>
<style name="MyAppTheme" parent="android: Theme.Material.Light">
</style>
</resources>
- C. <resources>
<style name="AppTheme" parent="android: Theme.Material">
</style>
</resources>
- D. <resources>
<style name="AppLightTheme" parent="android: Theme.Material.Light">
</style>
</resources>

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

- A. The Gradle build file is called build.gradle.
- B. Gradle supports generating only one build variant.
- C. Gradle uses the Groovy syntax to configure the build.
- D. A build is configured by using elements provided by the Android plugin for Gradle.

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

[Hide answers/explanations](#)

Correct Answer: **C**

Explanation/Reference:

Here are the four types of app components: Activities, Services, Content providers, and Broadcast receivers.

References:

<http://developer.android.com/guide/components/fundamentals.html>



Question 146/208

What work is suitable for Android Services?

- A.** Streaming.
- B.** Networking Operations.
- C.** Updating Widgets.
- D.** All answers are correct.

Which of the following permissions is not required to integrate Google Maps into your Android application?

- A.** All answers are correct
- B.** android.permission.WRITE_EXTERNAL_STORAGE
- C.** android.permission.ACCESS_FINE_LOCATION
- D.** android.permission.READ_EXTERNAL_STORAGE



Which of the following files specifies the minimum required Android SDK version your application supports?

- A.** strings.xml
- B.** main.xml
- C.** build.gradle
- D.** R.java

Which of the following options are correct about ConstraintLayout's baseline constraint handle?

- A.** All answers are incorrect.
- B.** Baseline constraint handles can be applied to only side constraint handles on the same axis.
- C.** "Baseline constraint handles can be applied to only side constraint handles on the same axis" and "Baseline constraint handles aligns the bottom edges of views".
- D.** Baseline constraint handles aligns the bottom edges of views.



Which of the following is true about the Dialog class? (Choose two.)

- A.** You can add a custom layout to a dialog using setContentView().
- B.** A dialog has a life-cycle independent of the Activity.
- C.** It does not have a method to access the activity that owns it.
- D.** A dialog is displayed on the screen using method show().

What does the following code do?

```
dialog.getWindow().setFlags(LayoutParams.FLAG_BLUR_BEHIND,  
LayoutParams.FLAG_BLUR_BEHIND);
```

- A.** When dialog is displayed the activity behind it will be blurred.
- B.** When dialog is displayed the activity behind it will be dimmed.
- C.** Any EditText behind the dialog will be disabled.
- D.** When the dialog is displayed, the edges of the dialog will be blurred.

Which of the following is correct about XML layout files?

- A.** Layout information written in the XML layout file will be converted into code by the Android platform when the screen is displayed.
- B.** There is no distinction between implementation of the layout definition by code, or by XML layout file.
- C.** 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".
- D.** In an Eclipse project using the ADT plugin, the XML layout file is found in the /res/layout directory.

In which Activity life-cycle method you should do all of your normal static set up such as: creating views and bind data to lists?

- A.** onResume()
- B.** onStart()
- C.** onCreate()
- D.** onPause()

How is the lifecycle of Service connected to the component that started it?

- A.** Same Lifecycler
- B.** Parallel Lifecycle
- C.** Sequence Lifecycle
- D.** Independent

Which of the following best explains the Android popup menus?

- A.** It displays a list of items vertically and is anchored to the view that invoked the menu.
- B.** 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".
- C.** It is a floating menu that appears when the user performs a long-click on an element.
- D.** It is only displayed when the user presses the home button twice.

Which of the following Material Theme attributes are used to custom the color palette in your application? (Choose Three)

- A.** android: colorAccent
- B.** android: colorPrimary
- C.** android: colorPrimaryText
- D.** android: colorPrimaryDark

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

- A.** Activate an Activity
- B.** Activate a Service
- C.** Activate a Broadcast receiver
- D.** Activate a SQLite DB Connection.

Question 15

Answer saved

Marked out of 1.00

Flag question

Consider the following code:

```
Intent intent = new Intent();
intent.setAction(Intent.ACTION_VIEW);
intent.setData(android.net.Uri.parse("http://www.android.com"));
startActivity(intent);
```

Which of the following is correct about the code above?

Select one:

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