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You submitted this quiz on **Thu 19 Dec 2013 3:53 PM PST**. You got a score of **19.00** out of **20.00**. You can [attempt again](#), if you'd like.

Question 1

[Q#2001]

To change your app's minimum sdk version you need to edit (select the correct file):

Your Answer	Score	Explanation
<input type="radio"/> layout.xml		
<input type="radio"/> project.properties		
<input type="radio"/> strings.xml		
<input type="radio"/> MainActivity.java		
<input checked="" type="radio"/> AndroidManifest.xml	✓ 1.00	
Total	1.00 / 1.00	

Question 2

[Q#2002]

On modern phones (4.2 and higher) the developer settings can be made visible by going to Settings>About this phone and _____.

Your Answer	Score	Explanation
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<input type="radio"/>	whispering "I can see the matrix" quietly to your phone		
<input checked="" type="radio"/>	tapping the build number 7 times	✓	1.00
<input type="radio"/>	with a stern voice say, "OK Google, show me"		
Total		1.00 / 1.00	

Question 3

[Q#2003]

True or False? Every app contains one AndroidManifest.xml file.

Your Answer		Score	Explanation
<input checked="" type="radio"/> True	✓	1.00	
<input type="radio"/> False			
Total		1.00 / 1.00	

Question 4

[Q#2004]

My device's Android version (Settings>About Phone) is 2.3.7 (Gingerbread; API level 10). Which of the following apps can I install? Check all that apply.

Your Answer		Score	Explanation
<input checked="" type="checkbox"/> App5's manifest has android:minSdkVersion="13"	✗	0.00	
<input type="checkbox"/> App2's manifest has android:minSdkVersion="7"	✗	0.00	
<input type="checkbox"/> App1's manifest has android:minSdkVersion="5"	✗	0.00	

<input checked="" type="checkbox"/> App4's manifest has android:minSdkVersion="11"	✗	0.00
<input type="checkbox"/> App3's manifest has android:minSdkVersion="9"	✗	0.00
Total		0.00 / 1.00

Question 5

[Q#2006]

Project files added or changed outside of Eclipse may be ignored until you:

Your Answer	Score	Explanation
<input type="radio"/> Gently turn your laptop upside down twice		
<input checked="" type="radio"/> Right-click/Control-click in the Package Explorer on the Project name and select "Refresh"	✓ 1.00	
<input type="radio"/> Use the Reset perspective option in the Windows menu		
Total	1.00 / 1.00	

Question 6

[Q#2008]

Each java statement is usually finished with a:

Your Answer	Score	Explanation
<input type="radio"/> colon :		
<input checked="" type="radio"/> semicolon ;	✓ 1.00	

☐ question mark ?

☐ asterisk *

Total

1.00 / 1.00

Question 7

[Q#2009]

Which of the following is an excerpt from `strings.xml` to represent the text

2<3 & 4>3

?

Your Answer	Score	Explanation
<input checked="" type="radio"/> 2<3 & 4>3	✓ 1.00	
<input type="radio"/> 2<3 & 4>3		
<input type="radio"/> 2<3 & 4<3		
<input type="radio"/> 2<3 & 4<3		
<input type="radio"/> 2\<3 & 4\>3		
Total	1.00 / 1.00	

Question 8

[Q#2010]

Complete the following code to send an red error message to the logcat view (you can assume I'll add the "import android.util.Log;" for you):

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
    _____("Banana","If music be the food of love");  
}
```

You entered:

Log.e

Your Answer		Score	Explanation
Log.e	✓	1.00	
Total		1.00 / 1.00	

Question 9

[Q#2011]

Identify the syntax error(s) in the following line of java code:

```
log..e('Banana' "Monkey"
```

Your Answer		Score	Explanation
<input checked="" type="checkbox"/> ..e should be .e	✓	0.14	
<input checked="" type="checkbox"/> log should be Log	✓	0.14	
<input checked="" type="checkbox"/> The closing parenthesis) is missing	✓	0.14	
<input checked="" type="checkbox"/> Banana and Monkey strings need to be separated with a comma	✓	0.14	
<input checked="" type="checkbox"/> The statement is missing a semicolon ; at the end.	✓	0.14	
<input type="checkbox"/> ..e should be .print	✓	0.14	

☒ Banana should be surrounded by double quotes " not
single quotes '

✓ 0.14

Total 1.00 /
1.00

Question 10

[Q#2013]

The maximum amount of available memory for an app on some devices is:

Your Answer	Score	Explanation
<input checked="" type="radio"/> 16 MB	✓ 1.00	
<input type="radio"/> 128 MB		
<input type="radio"/> 512 MB		
Total	1.00 / 1.00	

Question 11

[Q#2014]

Which of the following are true for the "R file"? Check all that apply.

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Will usually, but not in all circumstances, be re-generated when a change is made to the manifest or the resources.	✓ 0.17	
<input checked="" type="checkbox"/> Resource images inside res/drawable-... are given an entry inside R's "drawable" inner class.	✓ 0.17	
<input checked="" type="checkbox"/> Allows Java code to refer to resources (including layouts,	✓ 0.17	

views, images and other files).

☐ The values defined in the R file must be set manually. ✓ 0.17

☐ The names defined in the R file must be set manually. ✓ 0.17

☒ Is automatically generated ✓ 0.17

Total 1.00 / 1.00

Question 12

[Q#2015]

To display an image in your app's screen you can add an ImageView to:

Your Answer	Score	Explanation
<input type="radio"/> The Android manifest file		
<input checked="" type="radio"/> The layout xml file	✓ 1.00	
<input type="radio"/> The string xml file		
Total	1.00 / 1.00	

Question 13

[Q#2016]

Complete the following to correctly refer to an apple image file
res/drawable-mdpi/apple99.png

`<ImageView _____ />`

You entered:

```
android:id="@+id/imageView1"
android:contentDescription="@string/apple99"
```

Your Answer	Score	Explanation
android:id="@+id/imageView1" android:contentDescription="@string/apple99" android:src="@drawable/apple99"	✓ 1.00	
Total	1.00 / 1.00	

Question 14

[Q#2017]

What is the difference between "@+id/paper" and "@id/paper"?

Your Answer	Score	Explanation
<input type="radio"/> The first version is used to debug layouts.		
<input type="radio"/> Nothing, they are both the same.		
<input checked="" type="radio"/> The plus symbol creates a new resource identifier, without the plus symbol you are referring to an existing identifier.	✓ 1.00	
Total	1.00 / 1.00	

Question 15

[Q#2018]

What was the name of the first computer built and owned entirely by a US educational institution?

You entered:

ILLIAC 1

Your Answer		Score	Explanation
ILLIAC 1	✓	1.00	
Total		1.00 / 1.00	

Question 16

[Q#2019]

The ILLIAC used what kind of switches to perform computations?

Your Answer		Score	Explanation
<input checked="" type="radio"/> Vacuum tubes or "Valves"	✓	1.00	
<input type="radio"/> Transistors			
<input type="radio"/> Rotating wheels			
<input type="radio"/> Solid-state capacitors			
Total		1.00 / 1.00	

Question 17

[Q#2020]

Which one of the following includes an accessible text description for the image?

Your Answer		Score	Explanation
<input checked="" type="radio"/> <code><ImageView android:contentDescription="@string/appleDescription" ... /></code>	✓	1.00	

<input type="radio"/> <ImageView alt="Juicy apple" ... />	
<input type="radio"/> <ImageView contentDescription="Juicy apple" ... />	
Total	1.00 / 1.00

Question 18

[Q#2021]

Which of the following refers to an existing id named 'banana' ?

Your Answer	Score	Explanation
<input type="radio"/> id/banana		
<input type="radio"/> banana		
<input type="radio"/> id.banana		
<input checked="" type="radio"/> @id/banana	1.00	
<input type="radio"/> @id\banana		
<input type="radio"/> #banana		
Total	1.00 / 1.00	

Question 19

[Q#2022]

True or False? Words defined in a string resource can be re-used in multiple layouts.

Your Answer	Score	Explanation
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☒ True ✓ 1.00

☐ False

Total 1.00 / 1.00

Question 20

[Q#2023]

Which one of the following correctly sets the text font size using Android best practices?

Your Answer	Score	Explanation
<input type="radio"/> android:textSize="16dp"		
<input type="radio"/> android:textSize="16px"		
<input checked="" type="radio"/> android:textSize="16sp"	✓ 1.00	
<input type="radio"/> android:textSize="16"		
Total	1.00 / 1.00	

