Android Studio Test Review

1. Language used to layout Android screens 2. Language used to code Android screens 3. In Android, the file you delete and start over. 4. In Android, the file you should not delete. 5. In Android, the file with the ifs, loops, arrays and findViewBylD code. 6. In Android, the file with tags and attributes. 7. What is inflation? 7. What is inflation? 8. Where is the inflation coded? 9. Place where you run code in Android studio. 10. What is the term for the process of converting an XML file to a java file? 11. In Android, the place where you test if your code works. 12. Name 4 types of Views 13. A View that can be typed in EditText 14. A View that would hold a logo ImageView 15. A View that would hold a QR Code ImageView 16. A View that would hold a QR Code ImageView 17. A View that always needs an ID EditText 18. Name 3 View Groups 19. An item that is added to an app screen for the user to manipulate 20. What is the difference between Views and ViewGroups? 2 ViewGroups of the view of the view and ViewGroups? 3 ViewGroups of Views and ViewGroups on the screen.			
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on the screen.			position themselves
			on the screen.

21.	A Parent view	LinearLayout (also RelativeLayout or GridLayout)
22.	A ViewGroup that positions Views in vertical or horizontal lines	LinearLayout
23.	A ViewGroup that positions Views relative to each other or the edges of the screen	RelativeLayout
24.	A ViewGroup that positions Views in a grid with a specific number of rows and columns.	GridLayout
25.	General term for a widget on an android screen	View
26.	What is a tag?	A piece of formatting code to make a View in XML.
27.	Start of a tag	<
28.	End of a tag	/>
29.	A term for properties that change how a view is	Attributes
	drawn on the screen	
30.	When is the id attribute needed?	If the view changes when the App is running
31.	When is the onClick attribute needed?	If the view can be clicked when the App runs.
32.	An attribute used to choose the direction of a Linear Layout	Orientation
33.	What are the two Linear Layout orientations?	Horizontal, Vertical
34.	The parameter of the method associated with an onClick	View view
35.	An attribute that is needed if the View can be clicked	onClick
36.	An attribute that is needed if the View can be changed	Id
37.	An attribute that is needed if the editText needs to have its text used	Id
38.	The property used to link a button with a java method	onClick
39.	The two mandatory attributes	Layout_width, Layout_height

40.	Where is padding?	Inside the button
41.	Where are margins?	Outside the button
42.	Dp stands for?	Density Independent Pixels
43.	Sp stands for?	Scale Independent Pixels
44.	Do DP and SP mean the same thing?	Yes.
45.	Are DP and SP interchangeable?	Yes.
46.	What are four units of measure for view height?	DP, SP, Wrap_content, Match_parent
47.	Can view ids have uppercase letters?	Yes
48.	What are the variable naming rules?	Can't start with #
		No spaces
		No special characters
		No keywords
49.	What additional items need to be named with the	OnClicks
	variable naming rules in Android?	Ids
		AndroidPictures
50.	What additional rule applies to Android Picture	They can't contain a
	names?	capital letter.
51.	Can onClick method names have capital letters?	Yes
52.	Can android picture names have capital letters?	No
53.	Can view ids, onClick names, or android picture	No
	names start with a number?	
54.	Can view ids, onClick names, or android picture	Yes
	names contain a number? (not at front)	
55.	Can view ids, onClick names, or android picture	No
	names contain a space?	
56.	Can view ids, onClick names, or android picture	No
	names contain a special character?	
57.	What is the hex code for red?	#FF0000
58.	What is the hex code for green?	#00FF00
59.	What is the hex code for blue?	#0000FF
60.	What colour is red + green?	Yellow
61.	What colour is green + blue?	Cyan
62.	What colour is red + blue?	Magenta
63.	What folder stores pictures in Android?	drawable

64. Benefits of Android Studio	1. Very powerful. Can test out complete functionality of android apps.
Android Studio	
	2. Can create programs to run on many android phones.
	3. Uses XML. Easy to design screens.
	4. Has coder friendly functionality, like auto complete.
CE Namel' and	5. Free.
65. Negatives of	1. Complex interface. Hard to learn.
Android Studio	2. Memory Hog.
	3. Generates thousands of files for each program.
	4. The peel board's firewall hates it.
	5. Emulator is fussy.
66. Why is dp used	1. Phone resolutions get better, pixels get smaller.
instead of pixels?	2. If we used pixels our views would get smaller.
	3. DP uses a proportion of the screen and resizes
	appropriately for better resolutions.
67. What is inflation?	The process of translating XML file to java.
	Occurs in the onCreate method in java
68. What is the	Ids get lost.
problem with	You must "find" them again in java using the
inflation?	"findViewById"
69. What is the	You get to make screens in XML and code functionality
benefit of	in java – that is the best of both languages.
inflation?	
70. Why is XML	1. It is a language that is designed to layout screens.
useful?	2. It uses tags, attributes and ViewGroups.
	3. Tags and attributes are easy to understand and use.
	4. ViewGroups allow easy positioning of Views.
	Tradeoff: It ONLY lays out screens. It does that one task
	really, really well. But it doesn't do anything else.
	1.2,