

## Android Studio Test Review

1. Language used to layout Android screens	XML
2. Language used to code Android screens	Java
3. In Android, the file you delete and start over.	XML
4. In Android, the file you should not delete.	Java
5. Place where you run code in Android studio.	Emulator
6. Start of a tag	<
7. End of a tag	/>
8. Dp stands for?	Density Independent Pixels
9. Sp stands for?	Scale Independent Pixels
10. A term for properties that change how a view is drawn on the screen	Attributes
11. The parameter of the method associated with an onClick	View view
12. A View Group	LinearLayout (also RelativeLayout)
13. A Parent view	LinearLayout (also RelativeLayout)
14. An item that is added to an app screen for the user to manipulate	View
15. General term for a widget on an android screen	View
16. An attribute that is needed if the View can be clicked	onClick
17. An attribute that is needed if the View can be changed	Id
18. An attribute that is needed if the editText needs to have it's text used	Id
19. The property used to link a button with a java method	onClick
20. The two mandatory attributes	Layout_width, Layout_height
21. Where is padding?	Inside the button
22. Where are margins?	Outside the button

23. What are four units of measure for view height?	DP, SP, Wrap_content, Match_parent
24. An attribute used to choose the direction of a Linear Layout	Orientation
25. Can view ids have uppercase letters?	Yes
26. Can onClick method names have uppercase letters?	Yes
27. Can android picture names have uppercase letters?	No
28. Can view ids, onClick names, or android picture names start with a number?	No
29. What is the term for the process of converting an XML file to a java file?	Inflation
30. Can view ids, onClick names, or android picture names contain a number? (not at front)	Yes
31. What is the hex code for red?	#FF0000
32. What is the hex code for green?	#00FF00
33. What is the hex code for blue?	#0000FF
34. What colour is red + green?	Yellow
35. What colour is green + blue?	Cyan
36. What colour is red + blue?	Magenta

37. Benefits of Android Studio	<ol style="list-style-type: none"> <li>1. Very powerful. Can test out complete functionality of android apps.</li> <li>2. Can create programs to run on many android phones.</li> <li>3. Uses XML. Easy to design screens.</li> <li>4. Has coder friendly functionality, like auto complete.</li> <li>5. Free.</li> </ol>
38. Negatives of Android Studio	<ol style="list-style-type: none"> <li>1. Complex interface. Hard to learn.</li> <li>2. Memory Hog.</li> <li>3. Generates thousands of files for each program.</li> <li>4. The peel board's firewall hates it.</li> <li>5. Emulator is fussy.</li> </ol>

39. Why is dp used instead of pixels?	<ol style="list-style-type: none"> <li>1. Phone resolutions get better, pixels get smaller.</li> <li>2. If we used pixels our views would get smaller.</li> <li>3. DP uses a proportion of the screen and resizes appropriately for better resolutions.</li> </ol>
40. What is inflation?	The process of translating XML file to java. Occurs in the onCreate method in java
41. What is the problem with inflation?	Ids get lost. You must “find” them again in java using the “findViewById”
42. What is the benefit of inflation?	You get to make screens in XML and code functionality in java – that is the best of both languages.
43. What folder stores pictures in Android Studio?	drawable
44. What does PARC stand for?	Proximity, Alignment, Repetition, Contrast.
45. An image error where blocky pixels appear	Pixelation
46. Define proximity	Similar items are grouped. Groups are separated with space.
47. Define Alignment	Items are lined up. Either right, left or centered.
48. Define Repetition	Fonts, colours, picture types and elements are consistent with each other.
49. Define Contrast	One important item stands out
50. Why is proximity important?	Creates groups on page. Easier to navigate.
51. Why is alignment important?	Makes it easier to read.
52. Why is repetition important?	Creates unity.
53. Why is contrast important?	Provides starting point for your eye.