

IN-LECTURE QUESTIONS FOR VIDEO 8.5

Note: See the answer key at the bottom of this file.

1. What is the topmost xml element used to define a preference's (setting) layout?
 - a. SettingsScreen
 - b. SettingsActivity
 - c. SettingsLayout
 - d. PreferenceScreen
2. An example of a Preference xml item is:
 - a. CheckBox
 - b. CheckBoxPreference
 - c. CheckboxItem
 - d. CheckboxSetting
 - e. CheckBoxSetting
3. An example of a Preference xml item is:
 - a. EditTextPreference
 - b. TextPreference
 - c. EditSetting
4. Write the missing code to set the name used to store the preference setting.
`android:_____="gravity" android:title="Enable Gravity"`
5. To easily create a settings activity for earlier versions of Android, your activity should extend which class?
 - a. SettingsActivity
 - b. PreferenceActivity
 - c. Activity
6. Write the missing code to test if the app is running on a pre-Honeycomb device.
`if(_____ < Build.VERSION_CODES.HONEYCOMB) { /* do stuff
for < API 11 phones */ }`
7. Write the missing method name to load the preferences xml on a pre-honeycomb device (API < 11).
`_____ (R.xml.mypreferences) ;`
8. On modern devices (API 11+) which one of the following is true?
 - a. Activity addPreferencesFromResource is "deprecated", i.e. it may not be supported or available in future Android versions
 - b. Calling Activity addPreferencesFromResource is a best practice
9. In the Android manifest the package name is "android.rocks"
Write the alternative 'short-hand' version of `android:name="android.rocks.Me"`
`android:name="_____"`

10. Check all that apply. Which of the following are true?
- a. `@SuppressWarnings("deprecation")` is best used in methods that are written to specifically support older devices
 - b. `@TargetApi(Build.VERSION_CODES. _____)` is best used in methods that require a version that is higher than the minimum SDK specified in the manifest
 - c. `@SuppressWarnings(Build.VERSION_CODES . _____)` is best used in methods that are written to specifically support older devices
 - d. `@TargetApi("deprecation")` is best used in methods that are written to specifically support older devices
 - e. Fragments were introduced in Android 3.0 "Honeycomb" (API level 11)
11. Check all that apply. Which of the following are true?
- a. To add a fragment to an activity you need to use a `FragmentManager` to create a transaction
 - b. The outermost content view that normally contains app layouts can be referenced using `'android.R.id.content'`
 - c. The outermost content view that normally contains app layouts can be referenced using `'android.R.layout.content'`
 - d. Fragment transactions are completed by calling `"commit()"`
12. Write the missing code to programmatically get the preferences used by `PreferenceActivity` and `PreferenceFragment`.
- ```
SharedPreferences prefs = PreferenceManager._____ (context);
String fruit = prefs.getString("fruit", "tomato");
```
13. To respond to action bar / menu items being selected, override the Activity \_\_\_\_\_ method.
- a. `onOptionsItemSelected`
  - b. `onOptionsItemSelected`
  - c. `onMenuItemSelected`
  - d. `onMenuOptionsItemSelected`
14. To be informed that preferences have changed, create a(n) \_\_\_\_\_ method and register it with the `SharedPreferences`.
- a. `onSharedPreferencesChanged`
  - b. `onPreferenceChanged`
  - c. `onPreferenceUpdated`
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**ANSWER KEY:**

1. d
2. b
3. a
4. key
5. b
6. Build.VERSION.SDK\_INT
7. addPreferencesFromResource
8. a
9. .Me
10. a, b, e
11. a, b, d
12. getDefaultSharedPreferences
13. b
14. a