1. a)  What is menu. Write its importance.

Menu, in most simple words, is an organization tool to arrange various items in a group as per their category. A well-organized app can be used equally well. A menu just provides this mechanism.

Android provides an easy and flexible infrastructure to add menus in your app. It lets you create menus through XML resources or directly via code. Based on the menu item clicked, a certain action can be performed by your app. In this article, we are going to see how we can easily create menus and respond to menus using the Android API.

1. b) What is options menu. When it is activated.

The options menu is where you should include actions and other options that are relevant to the current activity context, such as "Search," "Compose email," and "Settings."

It is activated when the user selects an item from the options menu. A method known as onOptionsItemSelected gets called

1. c)  What is context menu. When it is activated.

A contextual menu offers actions that affect a specific item or context frame in the UI. You can provide a context menu for any view, but they are most often used for items in a [ListView](https://developer.android.com/reference/android/widget/ListView.html), [GridView](https://developer.android.com/reference/android/widget/GridView.html), or other view collections in which the user can perform direct actions on each item.

It is activated when an Item in corresponding view gets long-clicked.

1. d)  What is the alternative of ActionBarActivity as its deprecated.

AppCompactActivity