Assignment 7

1. What is the difference between topographic and thematic maps?
   Topographic maps are general purpose which shows the visible features of the landscape such as relief, water bodies and roads. For example base, relief and city maps.
   Thematic maps are special purpose where the emphasis is placed on a particular element. For example climate geology, soils, population density and industrial production.

2. What are the essential elements that all maps need?
   The essential elements are: Titles, Legends, North Arrows, Scale Bars, The Map, Labels

3. What is cartography?
   Cartography has been described as the meeting place of Science and Art.
   The primary purpose of a map is to convey information or to “get across” a geographical concept or relationship.
   On the other hand, one of the cartographer’s chief concerns is to keep from producing an ugly map.

4. Why is it important to have the right level of information on a map (i.e. not too little and not too much)?
   Too much data on a map can make it too confusing and too hard to see what you or what information you are trying to get from the map.
   Too little information on a map may also confuse yourself for example if you are trying to navigate yourself to a cut block and some of the road junctions have not marked or approximately the distance from PG of the main Hwy.

5. Where should the least important information be on a map?
   Bottom right of the map.

6. Why is it important to have the correct color for a certain feature?
   Then you do not have to have it in your legend or labeled on the map for the most obvious features, such as a lake (blue)