14 Final Laboratory Exam Review

1. Be able to convert between common units, including lengths, areas and volumes.
2. Be able to identify p and s waves from a seismogram reading and interpret them.
3. Be able to describe using p and s wave traveltime to determine the location of an earthquake epicenter.
4. Distinguish between density and isostasy and calculate density from mass and volume.
5. Be able to identify major glacial features in Iowa.
6. Be able to identify major drainage patterns and drainage divides.
7. Be able to calculate a stream discharge.
8. Be able to calculate runoff from impervious surfaces due to rainfall.
9. Be able to use Darcy's law and a water-table map to indicate groundwater direction and velocity.