**GNSS Lab – Total Marks (40)**

**Map with reference points (10)**must include the following elements:   
Inset map, scale bar, north arrow, legend, title

**Q1:** List of reference points **(2)**

Screenshot of charts from Trimble GNSS Planning **(2)**  
Number of Satellites, Iono Information

**Q2:** The ideal time would have a high number of satellites and minimal ionosphere interference **(2)**

Pictures of reference points in the field **(3)**

Screenshot of reference and observed points **(5)**

**Q3:** Comment on variation in the accuracy of points, note if any notably difference from rest **(3)**  
-accuracy of individual point could be impacted by local interference from buildings, trees etc.

**Q4:** Comment on variation in the precision of points, note if any notably difference from rest **(3)**  
-could be impacted by quality of device, environmental interference

**Q5:** Discuss general factors impacting GNSS performance **(10)**  
-note that basemap might not be perfectly georeferenced.