**Assignment # 2**

**Deadline- 15 June 2024**

1. Define visual image interpretation. Describe basic elements of visual image interpretation in remote sensing with illustrations.
2. What is the importance of scale in image interpretation? What do you understand by image interpretation keys? Give examples.
3. Describe electromagnetic spectrum in remote sensing. Which atmospheric conditions would be best for remote sensing in the visible portion of the spectrum? Why? What are the ideal time and atmosphere for aerial Remote Sensing?
4. Describe the various types of image preprocessing techniques. What would be the advantage of geometrically correcting an image to geographic coordinates prior to further analysis and interpretation?