

Practical-I: ELEMENTS OF MAPPING AND INTERPRETATION (New)**1. Types of Maps: Cadastral, Topographical, Atlas, General Maps, Thematic Maps.**

- Define Map. Explain the different types of maps on the basis of purpose in detail.
- Define cadastral Map. Explain its significance in detail.
- Draw a thematic Map (forest) of India and explain its advantages.
- Define map. Explain the different types of maps on the basis of scale.

2. Construction of scale: simple, diagonal and comparative

- Define Map scale. Explain the different types of scale in detail.
- Explain the importance of Map scale in our daily life.
- Draw a simple scale and explain its advantages in detail.
- Explain the relation between map scale and ground value with examples.

3. Relief features of geological landforms and profile drawing (serial, superimposed, projected and composite).

- Define relief. Explain the different features found on the earth surface.
- Draw any relief feature and explain its features.
- Explain the importance of flood plains for a country.
- Write a note on landform formation formed by anthropogenic activities.

4. Map reading and Interpretation of topographical sheets

- Delineate five natural and five manmade features from toposheets (5*5 grid) on tracing paper.
- Explain the essential features for map reading.
- Delineate five contour lines with different values and explain the landforms available there.
- Explain the importance of toposheets in digital mapping.

