

## **B.A/ B.Sc I Year**

### **Geography, Semester - 1**

#### **PRACTICAL-1 ELEMENTS OF MAPPING & INTERPRETATION**

##### **Unit -I**

1. Explain in detail the different types of maps and their uses with suitable examples.
2. Discuss the role of thematic maps in understanding economic and environmental data.
3. Describe the features of topographic maps and explain their properties..
4. Write a note on digital and interactive maps. How are they changing modern mapping techniques?
5. Compare physical, political, and thematic maps based on their characteristics, uses, and symbols.
6. Explain the different types of map scales—statement scale, representative fraction (RF), and graphical scale.
7. Discuss the importance of scale in map making. How does the choice between a large-scale and a small-scale map affect the details and the area represented?
8. Describe in detail the methods of converting a statement scale into a representative fraction and a graphical scale.
9. Explain the advantages and limitations of each type of map scale.
10. Elaborate on the concept of large-scale and small-scale maps.

##### **Unit -II**

11. Explain the major relief features of the Earth's surface with suitable diagrams
12. Describe the steps involved in constructing a topographic profile from a contour map
13. Discuss the different geological processes that lead to the formation of various landforms.
14. Explain the importance of drawing cross-sectional profiles in geography practicals
15. Describe the method of interpreting landforms from contour maps
16. Explain the essential elements of a topographical map. Discuss how conventional symbols, contour lines are used to interpret physical and cultural features of a region.
17. Describe in detail the procedure for interpreting a topographical sheet. How can one identify landforms, drainage patterns, vegetation, settlement types features from it?
18. Discuss the importance of map reading skills in geography. Explain how understanding contour patterns and map symbols helps in recognizing relief features such as valleys, ridges, plains, and plateaus.

19. Explain the steps involved in locating features using grid references and directions on a topographical map.

20. Discuss the Interpretation of Topographical Sheets is an essential practical skill in geography.