

Government of Nepal
Ministry of Land Management, Cooperatives and Poverty Alleviation
Land Management Training Centre
Syllabus for the Entrance Exam
Junior Survey Course
(For Inservice Candidates)

Marks: 100

1. Elementary Mathematics

50

- Arithmetic: Percentage, Area and Volume, Unitary Methods
- Algebra: Solution of Equations (One unknown & two unknowns), Solution of Quadratic Equations, Arithmetic series
- Trigonometry: Trigonometrical Ratios, Height and distance, Properties of triangles
- Co-ordinate Geometry: Plane and polar co-ordinates, Distance from Co-ordinates, Properties of plane and solid geometry: Triangle, Circle, Cube, Rectangle

2. Knowledge of Maps

35

- Basics of surveying and mapping, Types of Map, Idea of Map Scale
- Linear and Angular Measurements
- Idea of Earth Surface; Concept of Latitudes and Longitudes
- Importance of control points in mapping.

3. General Knowledge

15

Geography of World and Nepal, Latitude & Longitude, time, Population, shape of earth, map scale and measurement, Current and past administrative division of Nepal

THE END

