

# SIMCO SYLLABUS

## **Syllabus Information:**

### **General knowledge:**

History - Geography - Culture - Festivals - Sports - Inventions in the world - Current Affairs - Awards and Prizes - Indian Politics - Indian Culture - Basic Computer - Indian Economy - Famous Books and Authors - Famous days and dates - Indian parliament - {Physics, Chemistry, Biology (11<sup>th</sup>& 12<sup>th</sup> Standard)}.

### **Mathematics:**

Aptitude and Mental Ability Test - Conversion of Information to Data - Collection, compilation and presentation of data - Tables, Graphs, Diagrams - Analytical interpretation of data - Simplification - Percentage - Highest Common Factor (HCF) - Lowest Common Multiples (LCM) - Ratio and Proportion - Simple interest, compound interest - Area - Volume - Time and Work - Logical Reasoning - Puzzles - Dice - Visual Reasoning - Alpha numeric Reasoning - Number series - Geometry - Analytical Geometry and Algebra - Trigonometry.

### **Co-Operative Management:**

Co-operative law - The Co-operative Movement in India - Pioneers of Co-operative Movement in India - Co-operative Administration - Evolution of Co-operative Movement - Co-operatives after Implementation of New Economic Policy.

### **Agriculture:**

Weather – Energy -Water Resources Sustainable Agriculture - Provide links on Plants and Crops - Agriculture Biotechnology - Plant Breeding - Commercial Horticulture - Home Gardening - Plant Diseases & Disorders - Plant Pests and Weeds

### **Sericulture:**

General Sericulture - Silk Worm Rearing - Mulberry Crop Cultivation and Protection - Grain age and Seed technology - Post Cocoon Technology and Silk Technology - Mulberry Breeding and Genetics - Sericulture Marketing - Sericulture Organization and Management.