

The Syllabus for the Excise Constables Recruitment Test

scheduled on 31-03-2012

I A. Numerical ability

- ⇩ Natural and whole numbers
- ⇩ Quadratic equations
- ⇩ Simplifications
- ⇩ HCF/LCM
- ⇩ Area & volume
- ⇩ Mensuration
- ⇩ Permutations & combinations
- ⇩ Trigonometry
- ⇩ Heights & Distances
- ⇩ Progressions
- ⇩ Profit & Loss
- ⇩ Ratio and Proportion
- ⇩ Percentage
- ⇩ Time & Distance
- ⇩ SI & CI
- ⇩ Geometry
- ⇩ Calendar
- ⇩ Pipes & cisterns
- ⇩ Odd man out series

I B. Reasoning

I B.1 Verbal Reasoning

- ⇩ Coding - decoding
- ⇩ Comparison of ranks
- ⇩ Venn - diagrams
- ⇩ Arithmetic
- ⇩ Number series
- ⇩ Assertions and reason
- ⇩ Analytical
- ⇩ Decision making
- ⇩ Logical arrangement of words
- ⇩ Analogy test

I B.2 Non Verbal Reasoning

- ⇩ Series
- ⇩ Analogy
- ⇩ Classification
- ⇩ Mirror images

II A 1. Andhra Pradesh History

History syllabus pertaining to Andhra Pradesh state from the History text books of 9th and 10th standard (AP state syllabus)

II A 2. Geography

- ⇨ India- Physical setting:
- ⇨ The locations and Spatial Setting
- ⇨ Physical features – Relief and Drainage
- ⇨ Climate
- ⇨ Natural Vegetation
- ⇨ Soils
- ⇨ Population
- ⇨ Irrigation and Power
- ⇨ Agriculture
- ⇨ Mineral Resources
- ⇨ Industries
- ⇨ Transport and Communications
- ⇨ Places of Interest
- ⇨ Sea Ports and Towers
- ⇨ International Trade

II B.1 Civics

- ⇨ India as a nation
- ⇨ Indian Demography
- ⇨ Challenges Facing our Country
- ⇨ India, United Nations, and World Problems
- ⇨ Traffic Education

II B.2 Current affairs

- ⇨ Political and social developments
- ⇨ Business and economy
- ⇨ Science and technology
- ⇨ Sports
- ⇨ Awards
- ⇨ Books and authors

II C. General science

II C.1 Physics

- ⇨ Measurement of length
- ⇨ Electromagnetic spectrum
- ⇨ Magnetism
- ⇨ Current electricity
- ⇨ Modern physics
- ⇨ Electronics

II C.2 Chemistry

- ⇨ Atomic structure
- ⇨ Chemical bond
- ⇨ Periodic classification of elements
- ⇨ Alkaline earth materials
- ⇨ Solutions
- ⇨ Acids, bases and salts
- ⇨ Chemistry of carbon compounds
- ⇨ Carbohydrates and proteins
- ⇨ Oil and fats
- ⇨ Chemistry and industry

II C.3 Biology

- ⇨ Life processes
- ⇨ Control and coordination
- ⇨ Reproduction
- ⇨ HIV AIDS
- ⇨ Nutrition