

## Annexure-I

विशेष सर्वेक्षण सहायक बन्दोबस्त पदाधिकारी पद हेतु सांकेतिक सिलेबस

- A. Chemistry, Physics, Mathematics, Basic Electrical Engg., Engineering Mechanics, Physics (Mechanics & Mechanics of Solids.), Mathematics (Calculus, Multivariable Calculus and Linear Algebra), Basic Electrical Engg., Engineering Graphics & Design, Mathematics (Differential Equations), Programming for Problem Solving, Basic Electronics, Engg., Computer-aided Civil Engineering Drawing, Engineering Mechanics, Energy Science & Engineering, Life Science, Mathematics (Transform & Discrete Mathematics), Mechanical Engg., Instrumentation & Sensor Technologies for Civil Engg. Applications, Engg. Geology, Disaster Preparedness & Planning, Introduction to Fluid Mechanics, Introduction to Solid Mechanics, Surveying & Geomatics, Materials, Testing \* Evaluation, Civil Engg. Societal & Global Impact, Management I (Organizational Behavior), Mechanics of Materials, Hydraulic Engg., Structural Engg., Geotechnical Engg., Hydrology & Water Resources Engg., Environmental Engg., Transportation Engg., Professional Practices, Law & Ethics, Constitution of India / Essence of India Knowledge Tradition, Construction Engineering & Management, Engg. Economics, Estimation & Costing, Elective, Open Elective Suggested (Metro Systems & Engg.) .

**B. General Studies, Mental Ability & Indian Language :**

Questions on General Science will cover General appreciation and understanding of science including matters of everyday observation and experience, as may be expected of a well-educated person who has not made a special study of any particular scientific discipline. In current events, knowledge of significant national and international events will be tested. In History of India, emphasis will be on broad general understanding of the subject in its social, economic and political aspects. Questions on the Indian National Movement will relate to the nature and character of the nineteenth century resurgence, growth of nationalism and attainment of Independence. In Geography, emphasis will be on Geography of India. Questions on the Geography of India will relate to physical, social and economic Geography of the country, including the main features of Indian agricultural and natural resources. Questions on Indian Polity and Economy will test knowledge of the country's political system and Constitution of India, Panchayati Raj, Social Systems and economic developments in India. On general mental ability, the candidates will be tested on reasoning and analytical abilities.

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