

ANNEXURE – II
NOTIFICATION NO.09/2019

SCHEME AND SYLLABUS FOR RECRUITMENT TO THE POSTS OF DEPUTY SURVEYOR
IN A.P.SURVEY AND LAND RECORDS SUB-ORDINATE SERVICE

SCHEME OF THE EXAMINATION

WRITTEN EXAMINATION (OBJECTIVE TYPE)				
Paper	Subject	No. Of Questions	Duration Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability (SSC Standard)	150	150	150
Paper - II	Drawing & Surveying	150	150	150
Total				300
N.B.1: As per G.O.Ms. No.235 Finance (HR-1, Plg & Policy) Dept, Dt: 06/12/2016, for each wrong answer will be penalized with 1/3 rd of the marks prescribed for the question in all Objective type papers.				

SYLLABUS

PAPER-I: GENERAL STUDIES AND MENTAL ABILITY

1. Events of national and international importance.
2. Current affairs- international, national and regional.
3. General Science and its applications to the day to day life Contemporary developments in Science & Technology and information Technology.
4. Social- economic and political history of modern India with emphasis on Andhra Pradesh.
5. Indian polity and governance: constitutional issues, public policy, reforms and e-governance initiatives with specific reference to Andhra Pradesh.
6. Economic development in India since independence with emphasis on Andhra Pradesh.
7. Physical geography of Indian sub-continent and Andhra Pradesh.
8. Disaster management: vulnerability profile, prevention and mitigation strategies, Application of Remote Sensing and GIS in the assessment of Disaster.
9. Sustainable Development and Environmental Protection
10. Logical reasoning, analytical ability and data interpretation.
11. Data Analysis:
 - a) Tabulation of data
 - b) Visual representation of data
 - c) Basic data analysis (Summary Statistics such as mean, median, mode, variance and coefficient of variation) and Interpretation
12. Bifurcation of Andhra Pradesh and its Administrative, Economic, Social, Cultural, Political, and Legal implications/problems.

PAPER-II

Drawing & Surveying

Importance of Lettering and Numbering – Figure Sizes and Proportions IS Standard Practice.

Construction of Plain Geometric Figures (Lines Angles, Triangle, Rhombus, Quadrilaterals, Polygon etc) Orthographic Projection- Recommended methods of Projections as per IS code.

Construction of Ordinary Scale – Plain, & Comparative Diagonal, Vernier, & Scale of Chords.

Drawing Plan and Elevation of Points, Lines, Surfaces & Solids.

Conventional Signs and Symbols as per IS Code for Engineering Drawings and Buildings Drawings.

Drawing and detailing of (a) Brick arrangements – Various types of Bonds, (b) Stone Masonry & Stone Joints ((c) Foundations – Various types (d) Damp Proof Course & Plinth Protection (e) Roof types – Reinforced Concrete, Madras Terrace & Jack Arch, (f) Flooring types – Timber Flooring, Steel Flooring, Tile Flooring, (g) Arches & Lintels Carpentry Joints, Framing, Paneling and Moulding (h) Doors types – Paneled, Glazed, and Flush Door, (i) Windows & Ventilators (j) Pitched Roof – Various types – King post, & Queen post, (k) Steel Roof Trusses (l) Stairs – Various types – Wooden, Steel and Reinforced Concrete – Spiral,

Doglegged & Open Well (m) Single Storied Residential House – Plan, Elevation and Section
(n) Cross section showing different types of Roads, Railway Track, Embankment and layout
of Platforms (o) Different types of Irrigation Structures (p) Pipelines Joints Drainage Works,
Manholes, Sanitary fittings, (q) Forms of Rivet Heads, Types of Riveted Joints, Standard Steel
Section, Standard Connections.

Surveying of Buildings Sites with Chain, Field Book Entries – Plotting – Calculation of Areas.

Use of Prismatic Compass, Handling of Leveling Instrument – Differential Leveling, Surveying
of Building Sites with Chain and Level for Calculation of Earth Work. Plotting of
Longitudinal/Cross section, Drawing of Contours.