

ANNEXURE-II

SYLLABUS FOR GENERAL POSTS – VILLAGE SURVEYOR GRADE-III

Written examination (Objective Type)	No. of questions	Duration (minutes)	Maximum MARKS
Part- A: General Studies	50	50	50
Part- B: Subject Knowledge	100	100	100
TOTAL			150

Note:- For each correct answer (1) mark will be awarded and each wrong answer will carry (0.25) negative mark.

SYLLABUS FOR EXAMINATION TO THE POST OF VILLAGE SURVEYOR GRADE-III IN A.P. SURVEY AND LAND RECORDS

PART-A

GENERAL STUDIES:

Max.Marks:50

No.of Questions:50

Max.Time: 50 Minutes

1. Events of national importance.
2. Current affairs- national, regional and State of Andhra Pradesh.
3. General science and It 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.

PART-B

SUBJECT KNOWLEDGE (ITI STANDARD)

Max.Marks: 100

No. of Questions:100

Max.Time: 100 Minutes

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

Construction of Plain Geometric Figures (Lines Angles, Triangle, Rhombus, Quadrilaterals, Polygon) 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.

2) 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 Rein forced Concrete– Spiral,

3) 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.

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

5) 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.