

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. General Mental ability and reasoning.
2. Quantitative aptitude including data interpretation.
3. General English.
4. Current affairs of Regional, National and International importance.
5. General Science and its applications to the day to day life, contemporary development in science and technology and information technology.
6. History and culture of India with specific focus on A.P.
7. Indian polity and governance, Constitutional issues , 73/74th amendments, public policy, reforms and centre state relations with specific reference to Andhra Pradesh.
8. Society, Social justice, Right issues.
9. Physical geography of Indian sub-continent and Andhra Pradesh.
10. Key welfare and development schemes of Government of Andhra Pradesh.

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.