

APPENDIX

(See rules 4, 5 and 10)

Syllabus for Competitive Examination for recruitment to the post of Surveyor, Class III.

PART-I

Syllabus for Written Examination

There shall be one paper of objective type with multiple choices of answers one of which will be correct. The paper shall have total 200 marks and in all 100 questions to be attended in three hours. The medium of examination shall be Gujarati except for the English subject as specified at serial number (ii) in part a of Paper I of the Appendix, which shall be English. It shall consist of 3 parts of 3 subjects as detailed below.

Duration - three hours

- | | | |
|-------------|---|-----------------------|
| (a) | General Knowledge / English.... | Total 50 Marks |
| (i) | The General Knowledge part shall be equivalent of Standard - X which shall include topics of current affairs, who's-who, Science, historical and political event etc. | (30 marks) |
| (ii) | Elementary English; Grammar / translation / Phrases | (20 marks) |

- | | | |
|------------|---------------------|------------------------|
| (b) | Surveys..... | Total 100 Marks |
|------------|---------------------|------------------------|

This part shall consist of the following syllabus of ITI (Survey trade) certificate level

- Taking measurements, Trigonometry,
- General principles of survey methods, various old & new survey methods,
- Surveying of various structures,
- Surveying instruments,
- Area determination, material and cost circulations, etc.
- Problem and solutions of height and distance, other calculation regarding Centre of gravity, load distribution, beam-cantilevers,

- | | | |
|------------|---------------------------------------|-----------------|
| (c) | Mathematics (Std-X level)..... | 50 marks |
|------------|---------------------------------------|-----------------|

Simple Arithmetic, Algebra, geometry of Std - 10 level, emphasis on geometry.