

globe, trade routes, and tides, will be conducted orally; and the questions asked by the Examiner, which will be constantly varied, will be confined to and based on the information given in the text-books mentioned in Appendix M.

Candidates will be required to have a fair and intelligent knowledge of the contents of those books.

162. Sextant.—Particular attention will be paid to the sextant, the examination in which will be conducted orally and practically. Every candidate will be required to measure both vertical and horizontal angles, and will be examined practically as to his knowledge of the adjustments and the use of the various screws; he must be able to read correctly on and off the arc, and he must also be able to find the index error both by the horizon and by the sun.

163. Tables, Corrections by.—The corrections by inspection of tables given in some of the works on navigation will not be allowed. Every correction must appear on the papers of the candidates.

164. Degree of Precision.—Degree of precision required in the solution of the problems:—

- a. Candidates are expected to work their problems to the nearest half-minute of arc and to the nearest second in time.
- b. In interpolating for the correct deviation to be applied in solving the chart questions it will usually be sufficient if the candidate works throughout with the nearest degree of deviation taken from the deviation-card; and, even in cases where the deviations may vary but little, the nearest half-degree used throughout will be sufficiently precise.

It is not necessary that the candidate should waste his time in solving the course to odd minutes, as is sometimes done.

- c. In calculating the correction to apply to soundings the candidate is not required to work to the exact inch, as is sometimes done. It will be sufficient if he brings his answer within half a foot or so of a precise result.

165. Candidates may use Own Method.—Except where a particular method is specified in the question, candidates will be allowed to work out the various problems according to any method they have been accustomed to use, provided such method is correct in principle.

166. Supplementary viva voce.—Candidates will be examined orally as to their knowledge of all their written and worked papers.

167. No Candidate to be examined twice in a Week.—A candidate will not be allowed to undergo examination for the same grade of certificate twice in the same week, unless, under very special and urgent circumstances, the Examiner should see fit to relax this rule. In such case a special set of examination-papers must be applied for from Wellington.

168. Breach of Rules, Penalty for.—Any candidate violating any of the regulations, or being guilty of insolence to the Examiner, or of disorderly or improper conduct in or about the examination-rooms, will render himself liable to the postponement of his examination, or, if he has passed, to the detention of his certificate for such period as the Marine Department may direct.

APPENDICES.

APPENDIX A.

EXAMINATION DAYS.

169. Certificates of Competency, all Classes and Grades:—

Auckland—First Tuesday in March, June, September, and December.

Lyttelton—First Tuesday in January, April, July, and October.

Wellington—First Monday in each month.