

OFFICERS QUALIFYING FOR ENTRANCE TO ENGINEERING BRANCH.

The following shall be the syllabus of the examination of probationary entrants to the Engineering Branch as technical clerks and technical cadets, and the syllabus of the further examinations necessary to be passed before receiving promotion to the other positions named below.

The passing of the examinations shall give no claim for promotion; but only officers passing these examinations shall become eligible for promotion. Promotion shall depend on the occurrence of vacancies. Officers already performing the duties of assistant engineers or electricians must pass the examination in the subjects set for those positions. Candidates for the entrance examination must be capable Morse operators, and be under thirty-five years of age. Officers who possess the necessary qualifications and who may be selected for service in the Engineering Branch shall in all cases be subject to a period of probation, not more than nine months, to determine their fitness for permanent appointment.

Technical Clerks and Technical Cadets (on Probation).

Position.	When held.	Certificates.	Examination.
Officers qualifying for entrance to Engineering Branch:— Technical Clerks and Technical Cadets (on probation)	Periodically	..	1. Public Service Senior Examination, including following subjects as set in the syllabus for the late Civil Service Senior Examination: Arithmetic and algebra, geometry and trigonometry, mechanics and hydrostatics, magnetism and electricity. 2. Senior Technical Examination: Pass marks, 50 per cent. 3. Telephone Exchange Clerk's Technical Examination: Pass marks, 50 per cent.
Sub-engineers and Assistant Electricians	"	..	A. Public Service Senior Examination (as for Technical Clerks). B. Senior Technical Examination: Pass marks, 75 per cent. C. Telephone Exchange Clerk's Technical Examination: Pass marks, 75 per cent. D. Overhead telegraph- and telephone-line construction: Pass marks, 50 per cent. E. Telegraph and telephone apparatus: Pass marks, 50 per cent. F. Electric light and power; direct current: Pass marks, 50 per cent. G. Hydraulics: Pass marks, 50 per cent.
Assistant Engineers and Electricians	"	..	H. Telegraph systems of working; testing; protection: Pass marks, 50 per cent. J. Telephone systems and equipment; transmission: Pass marks, 50 per cent. K. Telegraph and telephone engineering as applied to underground construction; properties of telegraph and telephone materials: Pass marks, 50 per cent. L. Advanced electrical engineering as applied to the generation, transmission, and utilization of electric light and power; gas and oil engines: Pass marks, 50 per cent.

NOTE.—Officers must take examinations in proper order—Cadets before the First, and so on. When an officer who has not passed the preceding examinations desires to sit for the Senior Technical (Check Clerk's) Examination, he will be required to deposit £1. If he passes the examination the fee will be returned to him, and if he fails it will be retained by the Department. This examination may be taken irrespective of other examinations, and does not exempt from passing any other examination.