

- Connections of transformers on single and polyphase circuits.
 Lightning-arresters used on power circuits, principles of.
 Installation of motors and generators.
- Electric tramways, direct-current systems :—
 Fundamental principles and equipment of trolley systems, with track return.
 Use of positive and negative feeders ; boosters.
 Track construction and bonding.
 Electrolysis.
 Board of Control requirements and tests.
- Light and power distribution :—
 Systems of distribution, D.C. and A.C., two-, three-, and four-wire.
 Regulation of voltage at central station.
 General relation between generating stations, converter stations, sub-stations, and receivers.
- Gas and oil engines :—
 Modern types—their construction, theory, installation, operation, and maintenance.

69. One month's notice of the intention to hold such examinations shall be given by notice published in the Post and Telegraph Official Circular, and the names of officers who have passed the required standard of examination shall be entered by the Commissioner in a record kept for that purpose ; and in promoting any officers to vacancies, or from one class or grade to another, effect shall as far as possible be given to the results of such examinations. When a vacancy occurs in a branch in which knowledge of theory or practice in the science of electricity in its relation to telegraphy is requisite, such examination shall be conducted by the Inspector of Telegraph-offices or a Telegraph Engineer, or such other officers as may from time to time be appointed by the Commissioner ; and where knowledge of or capacity in business relating to the Post Office branch is required the examination shall be held by the Chief Inspector, or an Assistant Inspector of Post-offices, or such other officer or officers as the Commissioner may from time to time appoint ; or the Commissioner may appoint any of such officers to conduct all examinations or any such examination under this regulation.

The following are the certificates to be supplied, and examinations to be passed, for appointment to different positions in the Department :—

Position.	Age.	Certificates.	Examination.
GENERAL DIVISION.			
Telegraph message-boy	14 and over	Age, character, health	Competency in Standard V. Preference to be given to lads who pass a higher educational test than Standard V.
P.O. boy messenger	14 and over	Ditto ..	Ditto.
Other officers not specified	16-40	Competency (Standard IV).
Switchboard attendant	16-25	Competency (Standard VI).
Assistant ..	16-25	" ..
Matron, supervisor, Postmistress, and counterwoman	20-45	" ..
Shorthand-writer and typist	16-30	Educational certificate of proficiency (Standard VI)
CLERICAL DIVISION.			
Telegraphist and book-keeper (female)	20-45	Age, character, health	Educational certificate of proficiency (Standard VI).