

himself known as thoroughly acquainted with this science. This teacher shall instruct and examine in arithmetic, algebra, planimetry, stereometry, trigonometry, conical sections, geometrical constructions, descriptive geometry, general and forest architecture, elements of mechanics, and theory of the construction and use of mathematical instruments. He shall besides practice with the pupils the drawing and copying of maps, calculating of areas, sketching maps, surveying, construction of buildings and roads for forest purposes, with estimates of materials and labour, measuring of cubic contents, and adjustment of instruments. [There are at present six teachers in the institute.]

PUPILS AT THE FOREST INSTITUTE.

15. In order to be admitted at the forest institute application shall be made to the director within the middle of the month of May [now before the 1st of July] and the following certificates annexed to the same:

That the applicant is at least 18 and not above 28 years old; that his constitution is good and faultless, and not affected with any kind of incurable disease; that he has always conducted himself well; that he either has passed such examination and obtained certificates of approval in mathematics, natural history, and Swedish grammar, which entitles him to enter the universities of the Kingdom, or that he has been examined by the appointed teachers at any of the elementary schools within the Kingdom in each of these branches, and found to possess sufficient knowledge therein to enable him to graduate from the school; also, that he has, during at least one year, with some forester practiced and acquired sufficient skill in the economy and surveying of the forest.

16. Applicants whose applications are complete, and who consequently may expect to fill the vacancies at the institute, must publicly and in the presence of the director be examined by the teachers in arithmetic and algebra, planimetry and stereometry, general botanics and zoology; also, to write a Swedish theme.

17. Those exhibiting the greatest knowledge shall have the preference of being admitted to the institute.