leased by the Institute for making astronomical and magnetic observations. Though somewhat removed from the Institute, it is one of the nearest points free from electric, car influences and not on made land.

A complete list of the questions, with answers, occurring in every examination in Heat from 1884 to 1892 inclusive, has been compiled and published in very neat form by Messrs. McJennett and Loring, '94. By this means many a flunk ought to be avoided in the future. The notes may be obtained of the "editors" through the Cage. The price is one dollar, and the edition is small.

Last Friday an unusually complete and interesting exhibit of astronomical, hydraulic, and surveying instruments was viewed by many Tech students in Room 48, Eng. The instruments formed the World's Fair exhibit of Buff & Berger, among them being a few purchased by Technology. Mr. Berger, of that firm, explained the use and nature of the instruments to those desiring such information.

The department of Language is receiving valuable additions to its library in the way of encyclopedias. It now possesses the most extensive encyclopedia ever published. This is the "Ersch and Gouber Encyklopadee der Wissenschaften und Künste," comprising one hundred and sixty-six volumes. The department also subscribes to the "Grand Encyclopaedia," a very valuable French work, the whole of which has not yet been published.

The Freshman battalion was never so large as it is this year. The total number of men is 256, of whom 65 belong to Company A, 60 to Company B, 62 to Company C, and 69 to Company D. Lieutenant Hawthorne has introduced some changes, which are of great assistance in teaching the men the military art. The new programme includes both lectures and recitations on military tactics, and the student will receive marks according to his proficiency, which will count in the semi-annual averages.

A signal corps is to be formed, which will be composed of those who are least able to bear arms, on account of their size. It is expected that they will become expert in the art of signalling, and will then instruct squads detailed from the battalion, from time to time, until the whole battalion has learned the army code. At present the battalion is under the care of squad leaders, and is perfecting itself in the manual of arms. In two or three weeks temporary officers will be appointed, in order of merit, and the company work will begin.

At a special invitation from the Messrs. William Cramps & Sons, builders of the new U. S. cruiser Columbia, the Senior and Junior Naval Architects inspected the flyer as she lay in President Roads last week Wednesday. A special tug took the party, headed by Professor Peabody and Mr. Swan, to the cruiser. A thorough inspection of the vessel and its machinery was allowed, the extra precautions and arrangements, such as constant playing of oil over the entire engine, for trial tests for speed being explained. A revenue tug brought the party back to the city.

The Glee and Banjo Clubs assisted at the Comedy Club minstrels in Music Hall, on November 15th, the affair being in aid of the Charity Club Hospital. The Glee Club sang in all the choruses, and toward the end of the second part of the programme appeared in cap and gown by themselves. The Club has improved greatly in its singing, but the right selections are yet to be found. The Banjo Club opened the second part with "The Gloriana," and after a rousing encore from a cold house gave "The Patrol Comique." A well-known critic there said, "That is the finest amateur banjo club I have ever heard."

The November meeting of the Electrical Engineering Society was held on Tuesday evening, the 14th. Two very able papers were read, by the president, Mr. Harwood, '94, and by Mr. Pratt, '94. The first was a