

to the toast of "The Press," Mr. E. E. Sheppard made a unique speech from the text, "Don't settle down; settle up." "Sister Institutions," proposed by Dr. Ellis, elicited addresses from Prof. Badgeley, who brought greetings from Victoria University, and Dr. Willmott, who spoke of the close relations of the medical profession with the College of Pharmacy.

Dr. Bruce, of the hospital, and Mr. E. E. Harvey responded to the toast of the "Graduates and Graduating Class." The toast of "Sister Institutions" gave the students a chance to royally welcome the delegates from other colleges. Replies were made by Mr. J. W. Lawrence, representing McGill; Mr. H. J. James, from Queen's; Mr. F. T. Lees, from London; Mr. W. J. Arnott, from Trinity; Mr. D. I. Dulmage, from the Dental College; and Mr. F. B. R. Hellems, from University College. They were all clever speakers and were heartily applauded. Dr. Boyd responded for "Athletics." Mr. McArthur replied in his usual eloquent manner to the toast of "The Ladies," and Mr. A. H. Macklem nobly upheld the honor of his year in his reply to the toast of "The Freshmen."

It was close on the hours of morning when the toast list was ended. Mr. Thomson expressed his gratification at the success of the Banquet, and thanked his committee who had helped him in the infinite number of details necessary for such an event. During the evening appropriate music was rendered by Messrs. Beemer, Park, Cunningham, Hargraft, the Guitars Club, and the octettes and quartettes of the various years.

SCHOOL OF SCIENCE.

The Engineering Society held its regular meeting on Tuesday, Nov. 29th, the President in the chair. The ordinary preliminaries were interspersed with the usual interruptions caused by the arrival of tardy members. When these had ceased the Society girded up its loins and sat down to listen to a paper by Mr. A. T. Laing on "The Niagara Hydraulic Tunnel." Mr. Laing has been engaged during the summer as assistant engineer on work adjacent to this extensive and difficult undertaking, and so was well prepared to give a full and clear account of the work.

We have not space to deal with the details of construction, the method of drilling and blasting the rock, the removal of the *debris*, the system of furnishing fresh air to the workmen, or the construction of the walls of the tunnel; nor can we describe the weird effects as seen by a workman over two hundred feet below the surface of the earth, working in a Stygian atmosphere relieved only by an occasional electric light, the ever-changing combinations of brilliant light and intense darkness, the shifting shadows as the workmen moved from one place to another in the discharge of their duties, or the sepulchral sound of their voices as they reverberated through this immense artificial cavern. But all this and more was vividly portrayed by Mr. Laing in a way that could be done only by one who had seen and heard.

This work is constructed to furnish 100,000 horse-power. At present only 20,000 is being used. This is generated by two turbines, fifteen feet in diameter, each of 10,000 horse-power. This power is obtained by tapping the Niagara River above the falls with a canal; this discharges into the wheel-pits, entering the wheels under a head of 150 feet. The dead water is then discharged into the tunnel, which empties it into the Niagara River below the falls.

The committee appointed to inquire into the feasibility of publishing monthly the papers read before the Society, reported to the effect that financially the project could be carried through, but that there was some doubt as to whether the students could give sufficient time to the work to make it a success. The Society took no action in the matter.

The Dinner Committee is working hard and everything promises us a big time and a successful banquet next

Friday night. The following is a complete list of invited guests:—Members of the Faculty; E. H. Keating, City Engineer; John Galt, C.E.; representatives from each of the following institutions: Kingston Military College, Applied Science Department, McGill University; Provincial Land Surveyors' Association; Engineering Society; University of Michigan.

Y.M.C.A. NOTES.

We would like to remind the students that the Association is in need of funds, and would request those who have not already done so to pay their fees as soon as possible, either to Mr. Knox, the Treasurer, or Mr. McNicol, the General Secretary.

The Bible class which is held every Wednesday afternoon at 5 o'clock is proving of very great benefit to those who attend. Dr. McTavish shows marked ability as a Bible class teacher; he knows his Bible thoroughly, and deals with the subjects in a very clever and attractive manner.

On account of so many business and missionary meetings, the purely devotional has thus far been a scarcity, but last Thursday the Association assumed its normal condition. The meeting was led by W. C. Clark, and all who know anything of his ability as a speaker can readily understand that his address was very profitable. He took as his subject "A secret of the Christ life"—the complete submissiveness to the Father's will—and was listened to most intently by the large number of students present. At the close of his remarks the meeting was thrown open, and not a few took part in the discussion.

Rev. J. McP. Scott will in all probability address the next meeting of the Association, with reference to the Korea Mission, and Messrs. Russell and Young, delegates to the Missionary Convention held recently in Woodstock, will report.

CLASS OF '94.

The class of '94 had a very enjoyable "social evening" on Saturday night. A very pleasing innovation was the presence, by invitation, of the lady councillors of the other class societies. This represents a feeling that the true mission of the class society is not confined to the narrow limits of one class society alone. An excellent programme was rendered; it is unnecessary to single out any names, for all did well; suffice it to say, that the officers of the class who took part in the programme, the orator, the poet, the prophet, and above all, the judge, evoked much amusement by their witty sallies. After some light refreshments the meeting broke and wended its single way homeward, having spent a most pleasant evening. Great credit is due to the committee for the completeness of its arrangements, by means of which the comfort and enjoyment of all was insured.

CLASS OF '95 SOCIAL.

A social evening was held by class '95 in Y.M.C.A. Hall, on Saturday evening, Nov. 26th. By about 8 o'clock the parlor and hall presented a cheerful appearance, over 100 members of the class being engaged in social intercourse. A particularly large number of ladies was present and this, no doubt, accounted to a large extent for the success of the evening. At the call of the President, Mr. King, the members seated themselves. After the chairs were arranged the proper distance apart, and all clatter had subsided, the Secretary read the minutes of the last meeting, which were duly approved. The President now announced that the officers proposed by the ladies were: for Councillors, Misses Beans, Northwood and McGregor; for Historian, Miss Darling. The recommendation was adopted, and these ladies declared elected. Mr. Duncan