

COMBINED MUSICAL CLUBS COMPLETE SUCCESSFUL TRIP

Success of 2500 Mile Trip Eclipses all Former
Tours—Given Hearty Welcome by
Alumni and Friends

CHICAGO CONCERT IS HUGE SUCCESS

Christmas holidays are over and with the beginning of the second term of the school year comes the return of the Combined Musical Clubs of Technology after having put across the first continuous six day concert trip ever attempted by the organization. The trip was a success from start to finish, nothing happened to mar the general trend of affairs, the concerts were excellent, and the praise of the alumni's reception of the clubs is still being sung by the forty men who took the journey to Chicago and return.

Hold First Concert in Rochester

The first concert of the clubs was presented before an enthusiastic audience, composed chiefly of alumni and friends, at the Seneca Hotel, Rochester. J. B. Wells '16, of the local Technology Club, took charge of the arrangements. The affair was held on Tuesday, December 27, and was attended by more than 700 people, who enjoyed the music of the clubs and danced to the snappy airs of the jazz band. The club's special car left for Cleveland at 2:14.

Wednesday morning after having been received by a delegation of alumni the men visited the Nela Park General Electric Company where Dr. Nichols carried on extensive experiments. That night the clubs entertained over 600 people at the University Club and furnished jazz music afterwards for the dancing.

The clubs spent that night in Cleveland and the next day made the short run to Akron where they inspected the Goodyear Tire and Rubber Co. on the invitation of Mr. M. C. Brand who had charge of the evening's concert at Akron.

Chicago The goal of the clubs of the trip was reached Friday and the concert at the Blackstone Hotel that night was a huge success due to the hearty co-operation of the alumni.

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T.E.N. OFFERS MEN PUZZLING POSTER

Free Entertainment to be
Provided in Main
Lobby Today

ISSUE FULL OF INTEREST

Attention, student. Those who have not as yet wandered through the main lobby should do so at their earliest convenience. The reason will be self-evident when you gaze on the grotesque figures you will see wandering aimlessly about the trick automatic poster that The Tech Engineering News has placed there for the amusement of the student body. T. E. N. promised something new in the way of an advertising campaign and this clever combination of freaks is the result.

T. E. N. will hold its distribution campaign all day today and tomorrow. The January number which is replete with articles of vital interest to students here at the Institute can be obtained at the booths or from members of the T. E. N. staff who will be posted throughout the Institute's buildings.

The main feature of the January number is the Bolt Prize Essay. K. E. Shoenherr '22, the winner of the first prize, submitted the essay entitled "Living Conditions at Sea." This essay was selected along with the other nine leading essays by the Editorial Board of The Tech Engineering News, from the 125 essays that were submitted by Technology students. The Bolt Prize Essay fund is primarily for students of the Institute and is offered every term of the year. There are two prizes given, the first being a cash prize of \$50 and the second, one of \$25.

Another interesting article appears.

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UNIFORM COMPULSORY FOR LOWER CLASSES

Regular Army Officers Uniform will be Supplied
to Advanced Men

MAY BE EFFECTIVE NEXT FALL

Provided the War Department grants the Institute uniform commutation before the beginning of the next Academic year, 1922-23, all Sophomores and freshmen of the classes 1925 and 1926 will be required by the Institute authorities to wear a standard uniform during all exercises conducted by the Military Science Department. Provision is also made for those students in the Junior and Senior classes who are taking advanced R. O. T. C. subjects under the supervision of the Military Science Department.

Compulsory for Two Lower Classes

This uniform, which is to be worn by members of the two lower classes, will be selected some time during the second term of this academic school year by a committee consisting of two representatives from each class now at the Institute, who will be chosen by their respective classes, Colonel J. B. Christian, and some representative of the Institute. It is the plan of the Faculty and Colonel Christian, to obtain a suit which will in no way resemble a uniform when the few required insignia, which are to be made detachable, have been removed. The suit that will undoubtedly be adopted, will resemble the suit of a well dressed business man, and will probably be of a blue shade. The required insignia is a small cloth design which bears the rating R. O. T. C., U. S., with the possible added insignia of a small gold star which will be worn on the cuff of the right sleeve to denote the class.

Uniform Becomes Personal Property

That worn by the Juniors and Seniors will be the regulation United States Army Officers Uniform which will have no insignia other than that worn by the other two classes. In both instances the uniform will become the personal property of the student after two years. The wearing of the officers uniform will be optional with the two upper classes in this respect, men who are enrolled in an Advanced R. O. T. C. course will be given the choice of wearing the uniform or that of attending classes without it. However, students who express their willingness to wear the uniform will be required to do so in writing, which will thus compel them to appear in uniform only when they attend R. O. T. C. classes.

In the event that uniform com-

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DR. J. A. RAYCROFT BELIEVES MODERN BOY HEALTHIER

Dr. Joseph A. Raycroft, Princeton's director of physical education, has come to a defense of the athletes of the past in an article in the Daily Princetonian. Asked to compare the present-day athletes with those of the "golden '90's," the Princeton director had this to say:

"I do not think that in any sport, such as football, the average man of the present needs or possesses any greater intellect than the players of 20 years ago. I played football myself 30 years ago and coached for several years after my undergraduate days were over, and I can assure you that I pondered as long and as diligently over plays as any captain or coach of the team in 1921. The athlete then had just as quick wits as any man today."

However, Dr. Raycroft declared emphatically that many more young men in the 20th century engage actively in sports than was the case in other days. Hence he believes that the modern boy is stronger and healthier.

M. E. AND E. E. SOCIETIES TO HOLD JOINT SMOKER

The Mechanical and the Electrical Engineering Societies will hold a joint meeting in the form of a smoker next Thursday, January 5, in the main hall of Walker. The smoker will be called at 7:30 o'clock. The combined societies have been fortunate in securing as speakers of the evening engineers from both branches of the combined meeting. Mr. C. W. E. Clarke, mechanical engineer, and D. L. Galusha, electrical engineer, both of the Dwight P. Robinson & Co., will lecture on the Colfax Power Station and of the Duquesne Light Co. respectively.

This Colfax Power plant is one of the latest design, and has been equipped with machines to operate at a very high efficiency. The lecture will be illustrated with a number of lantern slides and with moving pictures. To add to the entertainment there will be two reels of comedy.

The meeting is open to all who are in the least interested and there will be no admission fee.

RESUME LECTURES IN RECENT DEVELOPMENT IN SCIENCE

The lectures on Recent Developments in Science which were held in 10-250 last term, will be continued this term. The next lecture will be given at 4:00 P. M. on Friday, January 6, by Professor W. S. Franklin. The subject of the lecture will be: "Some Recent Developments in the Understanding of Spectra."

SCORES METHOD OF MARKING IN COLLEGES OF COUNTRY

Grades handed out to high school and college students on their final exams frequently depend more on the temper, digestion and immediate comfort of the grader than on the contents of their examination papers, Ben D. Wood, assistant to Dean Hawkes of Columbia University, declared in a report on examination research work conducted at the university.

He cited the case of one examination paper, graded as a test by 114 teachers. It received marks all the way from 26 to 92 per cent. Another paper, graded by 142 teachers, showed a difference of opinion ranging from 64 to 98 per cent.

The old type of examination, he declared, has been found archaic and unfair and must be thrown overboard. In its place he urged substitution of a "method which takes account of the principles of mental measurement, and which makes use of modern technical devices."

ATHLETIC ADVISORY COUNCIL HAS MEETING FOR TEAM HEADS

At the first meeting of the Advisory Council on Athletics of the second term it is planned to have all the captains and managers of all of the Institute's athletic teams present. The meeting will be held tonight at 7:30 o'clock, at the Engineers' Club, located at 2 Commonwealth Avenue, Boston.

Should the Student Tax Be Raised?

ATHLETICS FOR THE MAJORITY

Each man in the Institute gives exactly \$2.50 each year to maintain the athletics in the school. That \$2.50 per man must cover the athletic expenditures for an entire year. It must pay for coaches, pay for necessary equipment, pay traveling expenses on trips to other cities, and still be able to meet all the incidental things that will come up.

Last year when the team managers submitted their budgets to the treasurer of the Athletic Association the amounts totalled well over \$15,000, where everything had been estimated carefully to save. The treasurer cut this budget down to rock bottom by revising and omitting, and presented it to the Budget Committee as \$10,386.67. But the inadequacy of the revenue from the Tax made even this impossible and the final amount allotted to athletics was \$7,386.06.

By sacrificing and by constant care this was made to cover the expenses of the teams. But because of the small amount, the number of men who could be taken on the teams was extremely limited. There could be no second teams and few substitutes. With our present Tax we can still maintain teams after a fashion; but an increase in the Tax would open the field to a much greater number of men, and thus increase the benefits of athletics to the student body as a whole. By raising the Tax we open athletics to the majority instead of restricting it to a chosen few.

WATCH THIS SPACE

No. 8.

WALKER DINING ROOM SERVICE REDUCES PRICES

Will Affect Practically All Dishes—Change
Result of Excellent Patronage—
Cocoa Will be Served

SERVICE MAINTAINED FROM 7:30 TO 2:45

With the opening of the second term comes the welcome news from those in charge of the Walker Memorial Dining Room Service that there will be a reduction of prices that will effect practically all of the articles offered on the menus in both the main dining hall and in the Grill as well. The management states that the reduction was possible due to the excellent patronage that the student body and Faculty gave the dining room service during the first term.

STUDENTS COMPLETE TERM'S REGISTRATION

New System of Registering
Initiated This Term—
New Class Cards

CLASSES START AT NINE TODAY

Registration for the second term was completed at 1 P. M. Saturday. All students who failed to register before this time will be charged an additional fee of five dollars. A new system of registering has been incorporated this term. At the end of last term each student received in one of his classes an envelope containing the same material as has been delivered previous years. This material was returned at the following exercise.

Before Saturday noon, December 31, the students were to secure from the headquarters of their courses approved registration blank.

The third step of the registration was the payment of tuition. Since mailing tuition has been permitted most of the students have taken advantage of this system, and the long waiting lines for which registration day was noted have been nearly eliminated. However, there were enough procrastinators this term that those who paid in person during the last day were obliged to stand in line for over half an hour.

At the time of payment of tuition the student received a booklet of Instructors' Class Cards which take the place of the former blue cards. These are to be filled out, and one left with the instructor in each subject at the first exercise. In case the subject consists of separate sections for laboratory or lecture, one card must be made out for each section.

In changing sections before January 9, 1922, the student must obtain from the instructor his class card and

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After a careful resume of existing conditions it has been decided to make a marked change in the dining hours. The management realizes that there are students at the Institute who are sometimes required to do without their breakfast until rather late in the morning. In the past students thus inconvenienced were unable to obtain breakfast here at Walker due to the early closing hours. Beginning this term the main hall will be open between the hours of 7:30 and 12:00 o'clock, during which hours breakfast will be served. The lunch hour will extend from 12:00 until 2:45 o'clock in order to enable all those students who have classes up to 2:00 o'clock to satisfy their hunger.

Comparison of Conditions

As conditions have been in the past a student, on learning that he would be unable to get breakfast in Walker late in the morning, would either do without or would be obliged to go to some outside restaurant. The management feels that the new plan to be inaugurated will eliminate all this inconvenience and will cause the students to look on the Walker Memorial dining hall as a Mecca for Technology students, the Faculty, and their friends. At Walker the student will be able to study somewhat if need be while eating a thing which is quite out of the question at outside lunch-rooms and restaurants.

Cocoa Project Started

The cocoa proposition which has caused considerable comment throughout the vicinity of Boston will be initiated this morning in the lounge room situated in the basement of building 2. This will be served by members of the dining room staff between 10:00 and 10:15 o'clock for the purpose of furnishing a stimulant to those who commute and are forced to leave home at such an early hour that lack of time prevents them from getting a sufficiently nourishing breakfast.

Food and Cocoa Prepared at Walker

Both the cocoa and the crackers, which will contain plenty of vitamins, are to be prepared at the kitchens of the Walker Dining Room Service so that the student will be insured of a high grade of pure food. As the management is still somewhat doubtful as to the success of this new departure, arrangements for only six hundred students is being made at building 2.

However, if the demand warrants it, it will be an easy matter to increase the supplies from Walker. Two or three men will be in charge and as the period of serving is limited and definite they will have the cups of cocoa all poured ready and waiting for the students as they come in the room, thus enabling them to furnish a large body of men in a short length of time.

CALENDAR

Tuesday, January 3, 1922
9:00—Second Term Commences.
7:30—Advisory Council on Athletics Meeting, Engineers' Club, Boston.
Thursday, January 5, 1922
7:30—M. E. and E. E. smoker, main hall, Walker.
Friday, January 6, 1922
4:00—Lecture by Prof. W. S. Franklin, 10-250.
Thursday, January 12, 1922
R. O. T. C. Engineer Unit smoker, Walker.