

accumulate at the rate of 15 to 20 a year, and the total number in the institute would not exceed 60, an ample number for a staff of nine teachers in research work. In order that the scheme may be set on foot, Mr. Tata's generous benefaction needs a supplement of about £5,000 from the Government of India. As the Viceroy and several members of his Council have promised favorable consideration, it may be hoped that this modest grant will be forthcoming. "I can imagine few ways," says Professor Ramsay, "in which a contribution from the State is likely to have such substantial and far-reaching results on the prosperity of the whole people. For the establishment of industries would result not merely in giving employment to the small number of experts for whom this Institute is designed, but to a vast army of clerks, artisans, workman and also merchants, whose object would be the disposal of the manufactured articles produced from the raw materials existing in the country; whereas, by exporting the raw materials as such, the country is impoverished, for their extraction gives employment only to navvies and to the railway companies."

UNIVERSITY AND EDUCATIONAL NEWS.

THE Legislature of Minnesota has recently appropriated \$25,000 for a new laboratory of agricultural chemistry, and \$25,000 for the erection and equipment of a building for instruction in, and investigation of, veterinary science.

PHILLIPS ACADEMY, of Andover, Mass., has established a department of archeology with a fund of \$150,000. A museum is about to be erected. Dr. Charles Peabody, of Harvard, is hon. director, and Mr. W. K. Moorehead is curator. There are about 40,000 specimens with which to begin study. They were collected during the past six years by Mr. Moorehead for the founder, whose name, at his own request, is withheld from publication.

MR. H. M. HANNA has given to Western Reserve University \$12,000 to establish a research fellowship in its medical school in the departments of physiology and pathology.

THE alumni of Columbia University are making efforts to collect \$400,000 for a hall for the college. It is hoped that the building may be erected by the time of the celebration of the hundred and fiftieth anniversary of the founding of the University in 1904.

EFFORTS are now being made to promote the better equipment of Queen's College, Belfast. It appears that the chair of pathology has been endowed and that a laboratory of physics and engineering has been promised by Mr. Pirrie. The sum of £5,000 has been given by Sir James Musgrave.

GROUND has been broken for the new Administration and Science Building of Colorado College. The sum of \$160,000 has been secured for its erection and equipment, of which sum Dr. Pearsons, of Chicago, and Mr. W. S. Stratton have each contributed \$50,000. The building will contain laboratories in all departments of science, lecture and recitation rooms, and a large natural history and geological museum.

THE Kent Laboratory of Chemistry at Yale University is now being enlarged in accordance with the bequest of \$50,000 by A. E. Kent.

THE courts have decided that the Loomis laboratory must be relinquished by New York University. It would in this case go to the Cornell University Medical College, but we understand that the litigation will be continued.

AT the conference of the Presidents of the State Universities held at the University of Illinois, on May 1st, 2d and 3d, the following subjects were brought up for discussion:

1. What can be done to stimulate publication among university teachers and graduate students without over-stimulating it?
2. Is a uniformity of system in keeping the records and making the reports of State universities desirable and practicable?
3. How does one get rid of a professor who is industrious and attentive to his duties, who has good sense, whose influence upon students is good, but who by lack of ability and training is paralyzing the instruction of his department?
4. Should entrance requirements for colleges of agriculture be lower than for other colleges? What technical courses might be offered in agriculture without entrance conditions?

5. What, if anything, do the State universities owe to applicants for admission who are mature and anxious to increase their working efficiency, but who cannot meet entrance requirements?

6. What proportion of the Morrill Fund is usually devoted to agriculture, and what to mechanic arts, languages, etc., or branches not connected with agriculture?

7. Can anything be done to promote system in 'Agricultural Experimentation' under the Hatch Act?

8. What is to be said concerning physical training departments and athletic matters?

9. To what extent should university authorities permit class rushes and scrimmages?

10. What is the wise policy touching university inspection of high schools?

11. Should our universities maintain summer schools? Or, are four regular terms in the year advisable?

12. What ought our universities to do concerning the professional training of teachers?

13. Is a uniform standard for 'units' or 'points' in entrance requirements practicable?

14. What ought the State universities to claim in reference to the right of their graduates to teach in the common schools without examination by local commissioners?

15. How can other educational interests secure such national cooperation and pecuniary support as are accorded to the agricultural interests?

THE *Yale Alumni Weekly* compares the changes in the election for senior studies next year with those of the class of 1886, when the elective system began. It appears that ancient languages fall from 34.8 per cent. to 23.9 per cent.; European languages rise from 10 per cent. to 14.7 per cent.; English from 9.2 per cent. to 14.7 per cent.; mathematics fall from 18.8 per cent. to 10 per cent.; natural sciences rise from 7.4 per cent. to 8.4 per cent.; philosophy falls from 9.1 per cent. to 5.6 per cent.; history rises from 7.2 per cent. to 10.1 per cent., and social sciences rise from 3.5 per cent. to 12.2 per cent.

THE Council of the New York University has accepted the resignations of the entire faculty of the School of Pedagogy, consisting of six members, including the Dean. A special committee which recommended this action was authorized to reorganize the faculty.

It is expected that two new professorships will be established at the University of Toronto,

one in geology and paleontology, and the other in mineralogy.

DR. FRANKLIN CARTER has resigned the presidency of Williams College after twenty years of service.

AT Columbia University Henry E. Crampton, Ph.D., has been made adjunct professor of zoology at Barnard College, and Mr. W. E. Kellicott assistant in this science. Mr. William Findlay has been made tutor in mathematics and Miss Julia L. Collis assistant in physics. In other departments of the University the following promotions and appointments have been made: George H. Ling, tutor in mathematics; Charles S. Forbes, assistant in mathematics; Alexis P. Anderson, curator of the herbarium; H. W. Shimer, assistant in paleontology; George I. Finlay, assistant in geology; George Canning Hubbard, assistant in analytical chemistry and assaying; Myron S. Falk, C.E., tutor in civil engineering; Adolph Black, instructor in civil engineering; Joseph C. Pfister, instructor in mechanics; A. L. J. Iveneau, tutor in metallurgy; Gilbert Tolman, assistant in physics; Holmes C. Jackson, assistant in physiological chemistry.

WILLIAM J. MOENKHAUS, graduate student at the University of Chicago, has been appointed assistant professor of zoology at the University of Indiana.

C. J. FRANCE, who expects to take the Ph.D. degree at Clark University, has been given charge of the biological work in the Jacob Tome Institute.

THOMAS HUDSON BEARE, professor of mechanical engineering at University College, London, has been appointed to the chair of engineering in the University of Edinburgh, in succession to the late Professor Armstrong.

J. J. SUDBOROUGH, D.Sc., senior lecturer and demonstrator in chemistry at Nottingham University College, has been appointed professor of chemistry, at Aberystwith, in place of Dr. Lloyd Snape, now Secretary for Education for the County of Lancaster.

DR. R. SPITALER, docent and assistant in astronomy in the German University at Prague, has been promoted to an associate professorship.