

Commencement

... of ...

The Iowa State College

of Agriculture and
Mechanic Arts.

Ames, Iowa.

Wed. Evening, Nov. 10th,

1897, at 7:30 o'clock.

College Chapel.~Program.

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INVOCATION.

Address Before the Board of Trustees and Graduating
Class.—

HON. A. S. DRAPER,
President University of Illinois.

Music—"Swabian Folksong"—

MISSES METCALF AND HUNTER,
MESSRS. RESLER AND FRANKLIN.

Address Promoting the Juniors to Seniors—

HON. W. O. McELROY,
Chairman Board of Trustees.

Response for the Juniors—

WILLIS C. EDSON.

Music—"Artillerist's Oath" - - - *Adams*

MALE GLEE CLUB.

CONFERRING OF DEGREES.

for the Degree of Bachelor of Agriculture.

- F. W. Bouska,—The Sources of Lactic Acid Bacteria.
Philip E. Damon,—Bacteriological Examination of College Well.
T. W. Mast,—Subsoiling.
Arthur F. Sample,—A Study of the Root Development of Farm Crops.
J. J. Vernon,—Soil Moisture.
Jasper Allen Wilson,—The Separation of Milk by Centrifugal Force as Compared with the Gravity System.

for the Degree of Doctor of Veterinary Medicine.

- R. A. Craig,—Parasites of Iowa Swine.

for the Degree of Bachelor of Mechanical Engineering.

- George G. Dana, } A Test of the Vilter Ice Machine.
C. E. Bergeman, }

for the Degree of Bachelor of Civil Engineering.

- Otto Gersbach, } Tests of Iowa Paving Brick,
Ole Davidson, }
Ward M. Jones,—Some Comparative Tests of Building Stones.
W. S. Joseph, } Drainage Project for Land near Kelley, Iowa.
George B. McWilliams, }
J. S. Morrison,—Measurements of the Areas of Contact between Rollers and Plates under Different Loadings.

for the Degree of Bachelor of Science in Electrical Engineering.

- O. R. Cole, } An Arrangement for the Automatic Equalization
Emerson G. Reed, } of Load in an Electric Power Plant.
Glenn G. Heald, } Design of an Electric Lighting Plant for Correction-
G. W. Patterson, } ville, Iowa.
Frank Linebaugh,—Design of Apparatus for the Automatic Regulation of Engine Load in an Electric Light Plant of Variable Output.
Robert E. King, } Design of Water Power Plant at Canton, Iowa.
Frank B. Spencer, }
Allan Rae, } Curves of Electromotive Force of a Westinghouse
Edwin R. Townsend, } Alternator.
Herman T. Schmidt, } Normal Value of B Curve,
George L. Sterns, }

for the Degree of Bachelor of Science in Mining Engineering.

- Edwin P. Kribs,—Mine Ventilation.

for the Degree of Bachelor of Science.

- Mary E. Barger,—The French Physiocrats.
E. C. Bierbaum,—The Solubility of Calcium Carbonate in Pure Water and in Water Saturated with Carbon Dioxid.
Guy S. Brewer,—An Argument Against Municipalities of the United States Owning and Operating Plants for Supplying Light and Surface Transportation.
Andrew Brown,—The Federal Convention of 1787.
James R. Burnip, } A Microscopic Study of the Seeds of the Order
Hanna Mae Thomas, } Berberidaceæ.
Louis A. Duroe,—The Elastic Clause of the Constitution.
W. C. Garberson—Negotiable Paper: History and Controlling Laws.
Margaret M. Jones—Origin and Development of the Crystalline Lens.
Charles E. LeBuhn—The Spirit of Ancient Greece Revived.
Frank McConnon—Economic Results of the French Revolution.
Wilmon Newell—A Study of the Avi-Fauna of Central Iowa.
E. F. Rhodenbaugh—The Claims of Christian Socialism.
Ambrose C. Rice—A Study of Coffee with Reference to the Amount of Tannin Present Before and After Roasting.
F. M. Rolfs—The Flora of College Park.
Margaret Rutherford—Philosophy of the Myth.
Clarence E. Tanton—Causes and Results of the Mexican War.
Lawrence Winne—The Supreme Court of the United States.

for the Degree of Bachelor of Letters.

- A. Gwendolen Doxsee—George Eliot's Place in English Literature.
Lydia Mae Fellows—The House of Representatives and the House of Commons.
Blanche Greeley—Robert Burns.
Helen Louise Knapp—Evolution of Church Music.
Elizabeth Alvina Morphy—Volition and the Character.
Edith Redmon—Doctrine of State Rights.
Olive Estelle Stevens—Influence of Christianity on the Economic, Social and Political Life of Early Times.
Minta A. Tilden—The Bill of Rights.
Ida L. Watkins—Jane Austen as a Novelist.

Graduate Courses—Master of Science.

- C. H. Eckles—The Relation of Certain Bacteria to the Production of Butter.
Charles Stuart Hutchison—The Liver and its Diseases.
H. C. Irish—Comparative Phenological Notes.

Master of Agriculture.

- Gilbert W. Louthan—The Cow; Her Product and Owner.