

TWELFTH

ANNUAL COMMENCEMENT

Iowa State College  
OF

Agriculture and Mechanic Arts  
COLLEGE CHAPEL

Wednesday, Nov- 14, '83-

AMES, IOWA.

# PROGRAMME.

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## ❖ INVOCATION. ❖

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### MUSIC.

*Gipsy Chorus—Balfé* - COLLEGE CHOIR

Inventive Genius,

SAMUEL CREW SCOTT, - Clinton County

Education of Women for Home,

AGATHA M. WEST, - Story County

### MUSIC.

"Old Folks at Home"—Challoner

MISS GERTIE POYNIER

The Railroad Problem,

ROLLIN M. HUNTER, - Story County

*The Irish Land Question,*  
Mary Woodruff McDonald, - Henry County

*Wheat Analysis for Flour,*  
Kate McNeill, - Decatur County

*Transcendentalism in American Literature,*  
Anthony M. Miller, - Polk County

*Wit and Humor,*  
Emily A. Reeve, - Franklin County

*Genius for Invention,*  
Samuel Crew Scott, - Clinton County

*A Study of the Cone-Bearing Trees,*  
Effie Gene Slater, - Story County.

*Manufacture of Glucose,*  
Ferd J. Smith, - - Scott County

*Government Control of Railroads,*  
Myron E. Wells, - - Clay County

*Government and Civilization,*  
W. D. Wells, - Blackhawk County

*Education of Women for Home,*  
Agatha M. West, - - Story County

*Coleridge and Transcendentalism in English  
Literature,*  
Mabel A. Young, - Hardin County

*The Feudal System,*  
Jessie E. Frater, - - Cedar County



## Special Line in Horticulture.

*Trees and Shrubs of the Agricultural College  
Collection,*

Charles A. Keffer, (Certificate), Polk County

## Course in Sciences Relating to the Industries.

*Atmospheric Electricity,*

A. M. Allen, - - Marshall County

*Growth of the Political Machine in America,*

Guy M. Burnham, - Blackhawk County

*Germ Theory of Disease,*

Bertie M. Carson, - La Salle County, Ill.

*Our Higher Parasitic Fungi,*

Jennie L. Christman, - Story County

*Characteristics of the Nineteenth Century,*

Jennie Coleclo, - - Carroll County

*Labor and Capital not Antagonistic,*

Clarence M. Doxsee, - Jones County

*Home and the Ballot,*

Lottie L. Estes, - - Dallas County

*The Railroad Problem,*

Rollin M. Hunter, - Story County

*Our Tall Purple Thistle—Monograph,*

Minnie Knapp, - - Story County



Economic Problems of the Grasses,

HERMAN KNAPP, - Story County

Characteristics of the Nineteenth Century,

JENNIE COLCLO, - Carroll County

MUSIC.

*Chorus, Luna—Barnby* - COLLEGE CHOIR

Labor and Capital not Antagonistic,

CLARENCE M. DOWSEE, - Jones County

The Mediæval Man,

JESSIE E. FRATER, - Cedar County

Engineering in Civilization,

GEO. CAVEN, - Mahaska County

MUSIC.

*Violin and Piano Duet*

MISSSES McMEEKIN AND FRISBIE

Our Tall Purple Thistle—Monograph,

MINNIE KNAPP, - Story County

A Whipple Truss Bridge,  
MORRIS J. RIGGS, - Bremer County

MUSIC.

*Piano Duet, Waltz—Schulhoff*

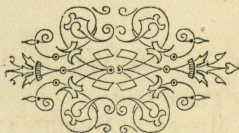
MISSSES NOYES, BELL, CHRISTMAN  
AND ALLEN

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CONFERRING OF DEGREES.

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BENEDICTION.



# THE ❖ CLASS ❖ OF ❖ '83.

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## Course in Civil Engineering.

*Practical Bridge Construction,*

Allison G. Andrews, - Dallas County

*Construction of Highway Bridges,*

George Caven, - Mahaska County

*A Whipple Truss Bridge,*

Morris J. Riggs, - Bremer County

## Course in Veterinary Science.

*Rabies,*

Charles H. Flynn, - South Haven, Mich.

## Course in Agriculture.

*Agricultural Progress,*

George W. Curtis, - Buchanan County

*Nature's Distribution of Plants,*

Charles H. Keigley, - Story County

*Economic Problems of the Grasses,*

Herman Knapp, - Story County



❧ POST GRADUATES. ❧

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**Department of Philosophy.**

*Organization of the Industries,*  
Oscar C. Peterson, - Greene County

**Department of Chemistry.**

*The Metaboisms of the Animal Body,*  
Thomas W. Shearer, - Story County

**Department of Veterinary Medicine.**

*Inoculation as a Preventive of Disease Among  
Domestic Animals,*  
William B. Welch, - Story County