GRAND ATHLETIC RALLY.

TO PREPARE FOR AMES GAME AT CLOSING HALL THURSDAY EVENING.

At your next Thursday evening there will be a mass meeting of students and faculty at Closing Hall. The main meeting will be in the presence of a spirit before which the students and faculty will go to work up the enthusiasm of the team and of the students who will occupy the sidelines. It will be this kind of sort of re-institution of the glorious victory which Iowa hopes to achieve this season. The next day—a preliminary manifestation, at any rate, with which the students and faculty welcome the best game of the season on home grounds.

Short impressions speak of three days' notice being given before the games. President MacLean, Dr. Knipe, Chancellor Collins, Mas, Judge Wade, Manager McCrath, Captain Roy, Wilcox, "Joe" Warriner and others of the breed by any other good overtures amuse spell binders that can be read in.

The entire show will be free and the students are requested to note only the low list of their three cents at the rally that evening so as to have some voice left to cheer Griffith, Morson, Eby and all the heroes the next day. Students who don't yell at the games and those who don't yell at all in fact are especially urged to be present and learn a few things about the audience. Everyone who attends the rally will be glad that the west because he has felt the same thing is agreeable, so you have heard a lot of work put into the rally.

Let everybody turn it. Remember the date is Thursday, Oct. 24th, Closing Hall. You P. M., Sharp!

Hospirional Program.

Music.

Recitation: Myrtle Barber

"The First Settler's Story.

Speech: Nela Robinson

"A Deserted Cloister.

Debate-Resolved, That all Executive Duties in American Cities Should be Concentrated in the Hands of the Mayor and that his Appointments Should not Require Confirmation.

Affirmative: Miss Biddle, Manly Clark.

Negative: Carrie Smith, Florence Johnson.

Speech: Kathryn Way

Recitation: Florence Joy

"When Einstein Drops the World.

The debate was well handled and proved most interesting for no one at the university. Manly Way's speech was a pleasing effort, an intellectual treat to the audience.

Notice.

The sale of Season Tickets to the University Lecture Course close tomorrow. Wednesday. The remaining course tickets occur Friday and Saturday of this week.

For Sale—$900 Tickets—At Once.

The faculty at its meeting Friday, appointed President MacLean and Professor Loux and Newton a committee to see about having a holiday Friday afternoon for the Ames game. The committee is at present of the opinion that the holiday will be granted upon the knowledge that those who want to purchase their tickets to the game have been sold. It has been felt that more students have perhaps given up the river on former holidays than have found their way down to the Athletic Park. The students have this time before them an opportunity to vote upon the question of a holiday to attend the game. This is the one to let them subscribe for the specified number of tickets at least. The tickets are on sale at Bloom's and Myers' and Coast and Son's stores.

Y. M. C. A.

Sunday it was announced at Closing Hall that a debate to be held in the Congregational church a series of lectures would start, to be given under the auspices of the Y. M. and Y. W. C. A. associations. During the course lectures will be given by a number of the leading Christian educators of the west, and citizens as well as students are invited to attend the lectures. The Y. W. C. A. and Y. M. C. A. associations have undertaken an extended lecture course and will bring many well known bordering to the city. The citizens should turn out and help the enterprises by their attendance.

Whitney Society.

At the meeting of the Whitney Society last Monday evening Assistant Professor Potter read a paper on the Vergilian Cenotaph. Voluntary reports were made by Professor Currier on recent discoveries in the Roman Forum, by Miss Coll on recent excavations at Corinth and by Professor Wilson on the comparative use of Roman and Gothic letters in publications in Germany.

Football Games Saturday.

Chicago 26; Oberlin 0

Yale 6; Winonona 0

Harvard 11, Brown 0

Princeton 13; West Point 0

Lafayette 6; Pennsylvania 0

Minnesota 0; Mississippi 0

Mississippi 6; Ames 0

Cornell 6; Vassar 0

Iowa 17; Rensselaer 0

Beloit 11; Northwestern 0

Columbia 18; Adelphi 0

Carliie 16; Dickinson 5

Williams 12; Dartmouth 0

The University of California has determined to send a team to contest in the inter collegiate meet next spring.

The Executive Committee of the Board of Regents meets today.

The Iowa State Centennial Contest will be held in Grinnell this year.

BACONIAN.

"HERE IS THE SUBJECT OF PROFESSOR SMITH'S PAPER.

The essay of the evening at Baconian Friday evening was given by Prof. Smith on "Tides." The speaker said in part:

Some phases of tides have been taken in the English language as Seyllis and Chaymbs. Pythias was the first to notice the coincidence of the tides with the periods of moons. It was long after the middle ages before scientific thought was directed to the tides.

Sir Isaac Newton in his Principia first stated the true theory of the tides. In Place, the French mathematician then took it up. Sir John Lubbock, Lord Kelvin, and George Darwin have been among the modern handlers of the subject.

The results of the tides theories are purely empirical. By tides is meant a regular and continuous rise and fall of sea level. Sea breezes, dry seasons, and barometric pressure may cause variations of water level called false tides. True tides are caused by the action of the sun and moon upon the earth. The results of experiments with peculiar tides on Lake Geneva were that these peculiar tides are more effective than those of lakes, due to local effects, squalls, earthquakes and barometric pressure.

The earth viewed from space is a spheroidal body surrounded by air, every particle of water on which is subject to the attractions of the sun and moon. In simplest form the tide is a rise in the water level followed by a fall. This rise comes a little later each day. The main sea level is the average of the heights of the tides. The half tide level is the average of the highest and lowest tides. The highest tides are called spring tides and the lowest are called neap tides. The moon moves around the earth in an elliptical path. The earth moves around the sun in a year and once in the year the moon and sun attract the tides together giving an annual high tide. There is a time every 19 years when the moon, earth, moon and sun are in the same position to each other. This gives an extra high tide but has not been much observed.

The tide-generating force is the most interesting problem connected with tides. The attraction of the moon is the average of the center of the earth. The centrifugal force of the earth just quips the average attraction. The force of the moon at the nearest point to it on earth is greater than the average force and overcomes its attraction of the moon. The centripetal force at the point of the earth farthest from the moon is less than the average force. The centripetal force elsewhere overcomes it. In the two tides are at the points nearest to the moon and farther from it. The amount by which the moon forces exceed the average force is, 20000000. The tide-raising force varies as the distance called. The solar tide is the lunar tide, on account of the nearerness of the moon. The rotation of the earth has no effect upon the tide generating force. The force of the moon at its greatest point of attraction is .055 one billionth of the depth of the ocean. This is an interesting fact. It was from this fact that the French mathematician then took it up. Sir John Lubbock, Lord Kelvin, and George Darwin have been among the modern handlers of the subject.

When the tide is a high tide and runs out it runs out over its wheel at low tide.

The present method of computing the tides is the Harmonic, devised by Lord Kelvin. The speaker then explained his theory in the board room.

The Mas Week Book.

(After Mack, A.

Bowed by a weight of learned lore he walked

Yet does not seem to walk, but creep,

Along the narrow path alone.

Unmindful of the surging mass, his fellow men.

For getful of the past and all it tried to teach.

Flewled in the gloom of his own depth of mind,

He stands, a relic of olden time.

Is this the product of a learned age?

Is this the harvest he must reap?

Who in the mad desire for learning and fame,

Forgets the laws of nature and of God?

The students of Northwestern University have petitioned the faculty to add an athletic fee of one dollar per semester to the regular tuition. This scheme is in favor in several institutions. Among them are Minnesota, Princeton, Beloit and Wisconsin. At the click of the gavel, for this extra fee, the students receive season tickets to the foot ball and base ball games.

The young ladies of Dickson College, have organized a ladies' military company of about 75 members. They take the regular military drill without arms. Excellent and rapid progress has been made in their work, and their work and their instructor is of the opinion that a woman can do anything if you give her half a chance.—S. C. Student.
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