THE TECH

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EDWIN S. WEBSTER, '93
HENRY G. BRADOLF, '91
D. E. T. WATSON, '91
J. E. W. ROBINSON, '92
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WAS IST LOST?

The financial report of the "Was Ist LOST?" Committee is most gratifying, and we wish to extend our heartfelt congratulation to the men who had the courage in charge for the success of the occasion.

EXAMINATION SCHEDULE.

It is rather unfortunate that so many of the important examinations have been placed at the very first of the examination period, with no intervening time after the close of the exercises.

This will, in many cases, give no opportunity for a little respite from the rather strenuous efforts of the last few days, a fact which in general is most essential to us all.

THE CONTEST.

It is unfortunate that we are unable to publish the results of the Pit Delta Epsilon contest which was mentioned in our last issue. This was due partly to unforeseen circumstances. First, the papers proved more difficult to judge than had been thought, and second, other duties intervened unexpectedly. We shall publish the results next Monday.

WAS IST LOST?


The following is the financial report submitted by the business manager of the "Was Ist LOST?" entertainment given on December 19th, for the benefit of the Institute athletes:

<table>
<thead>
<tr>
<th>ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sale of tickets</td>
<td>$122.50</td>
</tr>
<tr>
<td>Advertising</td>
<td>$20.00</td>
</tr>
<tr>
<td>Total assets</td>
<td>$142.50</td>
</tr>
<tr>
<td>Note—Fifteen tickets not yet returned</td>
<td></td>
</tr>
</tbody>
</table>

LIABILITIES.

| Printing                      | $69.00          |
| Janitor service              | $35.20          |
| Costumes                     | $30.00          |
| Flowers                      | $19.00          |
| Typewriting                  | $8.00           |
| Miscellaneous               | $11.25          |
| Total liabilities            | $114.50         |
| Total assets                 | $481.50         |
| Total liabilities            | $411.50         |
| Balance credit               | $60.00          |
|                             | $387.47         |

COURSE XIII HOLDS ITS FIFTH MEETING

J. P. Constable, Speaker — Does Must Be Paid by End of This Week.

The Naval Architectural Society held its 5th meeting last week, in room 32, Eng. C, yesterday afternoon, at 4 P.M. The business of the society was preceded by a talk on the operation of the Tech Show Orchestra, the Faculty and the entire student body.

The next meeting will take place the first Tuesday next week. The speakers for this date have not yet been selected.

COMMUNICATION.

To the Editors of THE TECH;

The committee in charge of "Was Ist LOST?" wishes to thank everyone connected with the performance for their hearty support and re-operation in making the success it has been.

Special thanks are due to all those who participated in the show, and Mr. Smith, superintendent of buildings and power; Mr. H. H. Rand, the Tech Show Orchestra, the Faculty and the entire student body.

For the Committee,

H. K. Finmmem

COMMERCIAL OZONE.

Dr. Franklin Tells of Many Interesting Applications.

In a Lowell, at 4 o'clock, yesterday afternoon, Dr. Milton W. Franklin addressed about thirty men on the production of ozone and its commercial uses. He is at present in charge of the General Electric Company's laboratory at their Plant in Schenectady, and has been investigating the production of ozone there for a number of years, as well as having studied the large ozone plants in Europe.

Dr. Franklin explained in some detail the various current theories of ozone production by means of the so-called silent electrical discharge between two oppositely charged plates. With several diagrams he was able to show how this change from the atomic molecules of oxygen to the triatomic molecule of ozone could be wholly explained from the ionic theory, now accepted by practically all physicists. This theory also accounts for the different results obtained when the potential and width of the air-gap are varied.

He then took up several of the difficulties encountered in the economical production of large amounts of ozone. One of these is caused by the lack of uniformity of the air between the two charged plates. This causes a difference of resistance and soon a spark passes across at one of the points of least resistance. The potential in the vicinity is then lowered and all the electricity passes through this portion of the air-gap, with the result that elsewhere very little ozone is formed. This difficulty may be overcome by placing some dielectric between the plates.