SECONDARY STRESSES

"Do you believe in kissing?"

"No, it takes a lot of time and when you get through what have you got?"

HERBERT,
YOU TURN THAT LIGHT RIGHT ON!

A SAFETY 'RAISER'

BEAUTIFULLY BONED IN SET,
SHE OUGHTA BE,
HER DAD'S A BUILDING CONTRACTOR.

I WILL LOVE YOU FOREVER,
BUT I HAVE TO BE IN BY MIDNIGHT.

GAME CALLED ON ACCOUNT OF DARKNESS.

WILL YOU TAKE A RIDE IN MY NEW CAR?

NO THANKS, I HAVEN'T MY WALKING SHOES ON!

BILL KISSED ME FIVE TIMES BEFORE I COULD STOP HIM.
HE ALWAYS DOES.

I'D RATHER HAVE TWO GIRLS AT SIXTEEN THAN ONE AT THIRTY-TWO.

SHE USED TO BE A SCHOOL TEACHER BUT SHE HAD TOO MUCH CLASS.

I AM HALF INCLINED TO KISS YOU!

OH! HOW STUPID OF ME. I THOUGHT YOU WERE ROUND SHOULDERED.
NEW ENGINE INDICATOR

Coincident with the recent filing of patent applications, the J-R Indicator for gas engines was placed on the market. The instrument is the result of several years of work by H. M. Jacklin and C. P. Roberts of the department of Mechanical Engineering. The indicator enables the instantaneous comparison of the various cylinders of a multi-cylinder engine. Besides the ordinary power diagrams, it gives quickly offset diagrams for studying the combustion characteristics, and makes "lower loop" diagrams with equal facility. Although rather expensive, the new indicator is well justified because of the rapidity of its work.

Purdue University is a recent purchaser of the J-R indicator, intending to use it in an investigation of manifolds with the hope of improving the fuel distribution to the various cylinders, which would give better performance. Mr. Jacklin will discuss the indicator and its use in the May issue of The Ohio State Engineer.

We've also noticed that one of the Ch. E. seniors has hung out a shingle which announces, "Tutoring in All Branches—Rates Very Low." After talking with some of his instructors we find he does.

NEW SOURCE OF D. C. POWER IN DYNAMO LABORATORY OF THE DEPARTMENT OF ELECTRICAL ENGINEERING

A new 100 kilowatt General Electric motor-generator set is being installed to take the place of the 50 kw. set hitherto used and which has become too small. This latter set will be transferred to the new Engineering Experiment Station building to serve as a power unit for that building. It is interesting to note that this motor-generator which has nearly double the capacity of the former one, has almost exactly the same outside dimensions. It has a synchronous motor and can therefore serve to improve the power-factor on the University power system.

Mr. Austin Lloyd, 1915, from the Department of Electrical Engineering, now with the Sales Department of the National Carbon Company of Cleveland, visited the University recently to obtain the services of graduates for the Carbon Sales Division of his company.

CHEMICAL

W. H. de Bruin, Senior Chemical Engineer, prepared drawings used in a paper presented on the subject of Chemical Composition of Window Glass which was presented at the Atlantic Meeting of the American Ceramic Society by Mr. Edwin P. Arthur, Instructor Department of Chemical Engineering.

PROFESSOR WRIGHT LEAVES

At the recent meeting of the Board of Trustees, a leave of absence for one year, beginning next June was granted to Professor C. A. Wright of the Department of Electrical Engineering. Professor Wright has accepted a very flattering proposition to do special research and development work in connection with radio apparatus for the National Carbon Company of Cleveland.

Professor Wright goes with the expectation of returning to the work of the Department, but the compensation which he will receive is so much more attractive than the salaries that are now being paid in this college that it is all too possible that he may be persuaded to remain permanently in this new work which he has undertaken.

A. S. C. E. TO GIVE PRIZES

The first meeting of the quarter was a joint meeting with the Central Ohio Section of the Society at the Chamber of Commerce. The speaker was Mr. Seabury, National Secretary of the American Society of Civil Engineers.

At one of the early meetings of the quarter it is planned to give prizes to three Freshmen, each consisting of a year's membership in the Student Chapter of the Society, and a pin of the organization. The recipients of these awards are to be Freshmen who intend to take up Civil Engineering. One of the awards is to be based on scholarship; another on activities; and the other on general meritorious characteristics. The committee which will decide the three who will receive the awards is composed of Miss Sada A. Harbarger, Miss Lenora H. Glasgow, and Prof. William D. Turnbull.

The reason for giving these prizes at the end of the Spring quarter is to get before the Freshmen the fact of the existence on the campus of the Student Chapter of the American Society of Civil Engineers, and to get them interested in the organization. By making free membership in the Society something to strive for as an honor, more interest will be taken in it. The plan is to have the idea of the free memberships explained to the Freshmen in their drawing and English classes. In this way they will all know about the Society, and those who are not so fortunate as to be given memberships and pins will be more likely to want to join the association the following year.

The annual banquet will be held sometime during the quarter, in one of the downtown hotels. There will be short talks by some members of the Civil Engineering faculty, and by local practicing engineers. It is probable that the members of the June graduating class will be called upon to give their parting words of public farewell at this banquet.