

**Sprain Your Brain**

# Sample Draft Tests Ready This Month

WASHINGTON — Students eligible to take the aptitude tests on which draft deferments for college students will be based will be able to obtain sample questions and answers through local draft boards later this month.

The aptitude tests will be of three hours duration with multiple choice answers to four basic types of questions.

**Sullivan Explains Test**

Richard Sullivan, executive vice-president of the service, said the four basic types of questions would be designed to test:

1. Ability to read and comprehend materials collegians must study. One of several choices of the meaning of passages will have to be selected.
2. Ability to deal with words. Multiple choices on similarity, opposites and verbal relationships.
3. Interpretation of data in charts, graphs, tables, and diagrams with multiple choice on conclusions.
4. Arithmetical reasoning requiring no advanced mathematical knowledge. A sample would be: "Suppose four per cent of the products of a factory were rejected for imperfection. How many items would have to be produced to get 720 acceptable items?" The correct answer would be given in one of the multiple choices.

**Test Has Been Tried**

Sullivan said the questions would cover natural and social sciences and the humanities.

Here are some sample questions prepared by the Educational Testing service.

Directions: Select the numbered word which has a meaning most nearly the same as the meaning conveyed by the capitalized word.

1. SOOTHE: 1—subjugate; 2—machinate; 3—compensate; 4—immolate; 5—mollify. Answer: 5.

Directions: Select the numbered word which has a meaning most nearly opposite the meaning conveyed by the capitalized word.

2. COMPATIBLE: 1—changeless; 2—definite; 3—cruel; 4—irreconcilable; 5—entire. Answer: 4.

3. TERRESTIAL: 1—thorough; 2—celestial; 3—obscure; 4—residual; 5—esoteric. Answer: 2.

Directions: Select the numbered pair of words which are related to each other in the same way as the original pair of words are related to each other.

4. Hammer: tool.  
1—Anger: Insensibility; 2—Emotion: Insensibility; 3—Plane: Shavings; 4—Chisel: Plane; 5—Anger: Emotion. Answer: 5.

5. If 3 pencils cost 10 cents, how many pencils can be bought for 30 cents?  
(A) 9, (B) 10, (C) 30, (D) 90, (E) 100. Answer: 9.

**Hallowell To Lecture To Engineering Class**

H. Thomas Hallowell, president of the Standard Pressed Steel company, will speak on "Your Responsibilities, Mr. Graduate, to your Job," at a lecture for Engineering 2 and 3 students, at 4:10 p.m. today.

For Best Results Use Collegian Classifieds

## PSCA Board Nominations Are Announced

The slate of nominees for members of next year's board of directors of the Penn State Christian association was released yesterday by Luther H. Harshbarger, executive director of the PSCA.

Nominees for members of the board for the term expiring in 1954 are Dr. James Moyer, Dr. Harriet Harry, Dr. William Smith, Prof. Margaret Neuber, MacDonald Heebner, Mrs. W. C. Ferneilius, Mrs. A. K. Anderson, and Prof. Norman Thielke. Five from this group will be elected.

**Alumni Representatives**

Nominees for alumni representatives on the board for the term expiring in 1954 are Dr. Gerald Stein, A. J. Currier, Miles Horst, and A. E. Diem; for the term expiring in 1953, J. K. Stern, Edmund Tomb, and the Rev. William Parsons; for the term expiring in 1952, John Wood, Phyllis Crabtree, and Herbert Rader. Seven from this group will be elected.

Lay church representatives to serve for one year are Mrs. Donald Davis, Betty Delavan, Dr. Mary Willard, Dr. James Shigley, Dr. Henry Yeagley, T. C. Allen, and Wayland Dunaway. Four (continued on page eight)

**Honored**



Prof. John Nicholas, research worker in agricultural engineering at the College, who has been elected a fellow by the American Society of Agricultural Engineers.

## 5 Former Students Finish Processing

Five former students at the College have completed their Army processing at the 2053rd Reception center, Fort Meade, Md.

Pvt. William Cohen, class of 1950 in arts and letters, has been assigned to the 43rd Infantry division, Camp Pickett, Va.

Pvt. Bert States, class of 1950 in arts and letters, has been assigned to the Signal Replacement Training center, Camp Gordon, Ga.

Pvt. Louis Manino, a senior in pre-med, also was assigned to Camp Gordon.

Pvt. Royden Swift, a junior in commerce and finance, has been assigned to the 101st Airborne division, Camp Breckinridge, Ky.

Pvt. Ned Wagner, third semester DIR, was assigned to the 9400th Technical Service unit, Fort Monmouth, N. J.

## Music Dept. Sponsors Free Blue Band Concert

The 92-piece Concert Blue band, conducted by James Dunlop, will feature the second of the annual complimentary concerts sponsored tomorrow by the Department of Music.

The program, for which admission is free, will be held Sunday afternoon at 3 p.m. in Schwab auditorium. The doors will open at 2:30 o'clock.

The band has given concerts at Bedford, Williamsport, and Emporium this year and is scheduled to appear at Greensburg on April 18. In addition, the group has tentatively scheduled other concerts in eastern Pennsylvania.

**Anthem Opens Program**

Sunday's program will begin with the "National Anthem." Following it will be "March of the Steel Men" by Belsterling, "Oberon Overture" by Von Weber, and "Triplets of the Finest" by Henneberg. A trumpet trio of Eugene Golla, Eugene Magill, and John Leister will serve as soloists for the last named number.

The concert will continue with "Semper Fidelis" by Sousa, "Jesu, Joy of Man's Desiring" by Bach, "Symphony in B flat, Finale" by Fauchet, "Tap Roots" by Skinner, and "American Salute" by Gould. Band follows intermission. Following the intermission the band will continue with "March for Americans" by Grofe, "Irish Tune from County Derby" by Grainger, and "An American Week-end" by Morrissey. The last number is divided into four parts: "Picnic-Outing" "Evening Stroll" "Concert in the Park" and "Stepping Out."

The concert will conclude with "Dry Bones" (arranged by Yoder), "Brass Pageantry" by Leiden, and "The Stars and Stripes Forever" by Sousa.

Six members of this year's Concert Blue band will be unable to appear in the program because of their entrance into the armed forces. They are Richard Boerlin, William Boyles, John Flynn, Hubert Haugh, George Phipps, and Paul Smoley.

## 2 Men In District Elimination Debate

Two members of the College men's debate team will take part in the West Point District VII Elimination Debate tournament to be held at Penn State for the first time today and tomorrow.

Marlin Brenner and David Lewis will debate both the affirmative and the negative as will 25 other two-man teams from New Jersey, Virginia, West Virginia, Pennsylvania, Delaware, and the District of Columbia.

**Four Will Be Selected**

Four teams will be selected after six rounds of debate to represent District VII at the National Invitational Debate tournament to be held at West Point April 19-21. Fifty teams from all over the country will participate in that tournament after winning regional contests.

The four winning teams at the College tournament will also be declared District VII champions. They will be presented with certificates.

The first four rounds of debate are scheduled to begin this afternoon at 2 o'clock and will continue at 4 o'clock this afternoon and at 7 and 8:30 o'clock tonight. Two rounds will be held tomorrow morning at 9 and 10:30 o'clock.

Tournament headquarters will be 10 Sparks. All information pertaining to the tournament may be obtained there after 1 o'clock this afternoon.

**O'Brien Will Head Tourney**

J. F. O'Brien, men's debate coach, will head the tournament as chairman of the District VII committee. He will be assisted by faculty members from other schools.

Brenner, also debate manager, said this tournament is the biggest and most representative gathering ever held in District VII. He said the debates are open to the public.

Topic for the debates will be the national intercollegiate debate question, "Resolved: That the non-Communist nations should form a new international organization."

Both Brenner and Lewis were members of the laurel-laden College team which competed successfully in the grand national debate tournament at Mary Washington college, Va., during spring vacation. They were also members of the College team which won the state debate championship for Penn State.

Among the colleges represented at the tournament will be Princeton, Rutgers, Temple, Pittsburgh, Georgetown, Navy, Johns Hopkins, Howard, Carnegie Tech, Pennsylvania, and Virginia.

## 1100 Expected At Home Ec Spring Fete

Dr. Carrie Jones Schaal, state president of the Pennsylvania Federation of Women's clubs, and more than 1100 leaders in federated clubs in Pennsylvania, will participate in the Home Economics Spring weekend program at the College, April 13-14.

Pennsylvania clubs have planned to carry on the work started in Washington last December at the Mid-Century White House Conference on Children and Youth, and the sessions at Penn State will assist them in making plans for their extensive programs.

At the first meeting of the wo- (Continued on page three)

## Nominations Delayed By Soccer Trip

The absence of the soccer team has caused a delay in the nomination procedure of the Athletic association.

The nomination committee of the association met yesterday and nominated five candidates for president and three for secretary, according to Homer Barr, president. There was, however, reason to believe that the soccer team planned to enter a nomination for the presidency, Barr said.

**Limited To Five**

Should the soccer team enter a nomination for the presidency, another meeting of the nominating committee would be necessary. Under Athletic association rules, no more than five candidates may run for an office. A soccer nominee for the presidency would bring the total to six.

Should the soccer team enter a candidate for the presidency, the committee would meet again this afternoon in Recreation hall to decide what five nominees would run.

Nominations can be made by the coaches, captains, and head managers of the 16 varsity athletic teams. All three soccer representatives were absent from yesterday's meeting because of the team's three-week trip to Iran.

The 17-man contingent arrived in New York city yesterday morning and was expected in State College late last night.

## Chem Engineers Meet In Boston

Several members of the Department of Chemical Engineering are participating in a symposium on "The Use of Automatic Computers in Chemical Engineering Calculations" at the American Chemical society meetings in Boston.

The symposium ends today. Yesterday afternoon Dr. R. Curtis Johnson, instructor in chemical engineering, presented the symposium paper on "Batch Distillation Calculations," which was written by him and T. J. Williams, of the College staff.

Dr. Arthur Rose, associate professor of chemical engineering, presided at the session.

Dr. Rose opened the symposium, sponsored by the Division of Industrial and Engineering Chemistry, with introductory remarks Tuesday afternoon.

Dr. Rose also presented the paper on "Selective Adsorption Computations," of which R. J. Lombardo and T. J. Williams, from the College, are co-authors.

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