This year a record number of just over 3,000 students will sit for examinations between 6th and 26th November.

Rooms in the Main, Geology, Engineering and Architecture Buildings will be used and pressure of numbers has made it necessary to use Lecture Theatres on a few occasions also.

DAILY ROOM ALLOCATIONS are displayed on the Examinations Notice Board (opposite the Main Lecture Theatre) and in the vestibule of the Main Building.

For subjects which have large numbers of candidates NAME LISTS FOR ALLOCATION OF CANDIDATES TO PARTICULAR ROOMS are posted on the notice boards of the Departments responsible for the examination papers concerned.

To avoid last minute anxiety, make sure you consult the notice boards and locate your examination rooms well beforehand.

Individual Examination Result Notices will be posted to every student by 17th December, 1971.

RESEARCH GRANTS APPROVED

The Vice-Chancellor announced that the Minister for Education and Science (Mr. Fraser) had approved the recommendation of the Australian Research Grants Committee that a number of grants be made available to members of the academic staff of the university for special research purposes.

The new grants are worth $43,943, whilst grants to support continuing projects are valued at $28,263.

Dr. R.P. Cooney and Dr. G.C. Curthoys, of the Department of Chemistry, have been granted $22,900 in connection with a project called "Laser-Raman Spectroscopy Applied to Heterogeneous and Homogeneous Catalysis".

Professor I.McC. Stewart, Head of the Department of Chemical Engineering, has received a grant of $10,532 for a new project entitled "Furnace Temperature Measurement by Spectroscopic Methods".

Miss M.E. Guilford, Assistant University Librarian (Technical Services), is working on the indexing of "The Mercury", Maitland, one of Australia's oldest newspapers, and has received a grant of $6,400 for the project.

Dr. B.W. Lancaster, of the Department of Chemical Engineering, has been granted $3,248 for a project entitled "High Temperature - High Pressure Gas - Solid Reaction Studies for Air Pollution Control".

Dr. N. Rutherford, of the Department of History, has received a grant of $863 in connection with research he is carrying out on "The History of the Friendly Islands".
The following continuing projects have received additional financial support:

Dr. J.B. Moore, Professor B.D.O. Anderson and Dr. T.E. Fortmann, of the Department of Electrical Engineering, have been granted $12,950 for their work on "Optimal Control Processes and Communication Systems".

Mr. K.F. Collis, of the Department of Education, and Dr. G.S. Halford, of the Department of Psychology, received $5,600 towards their joint work on the "Development of Formal Operational Thought in School Mathematics".

Professor C.D. Ellyett and Dr. B.J. Frazer, of the Department of Physics, have been granted $3,700 for a project entitled "Propagation Studies of Hydro-magnetic Waves Between Spaced Stations".

Professor A.M. Gibbs, Head of the Department of English, has received a grant of $2,650 in connection with his critical study of the dramatic works of George Bernard Shaw.

Associate Professor W.A. Oates, of the Department of Metallurgy, received $1,300 towards a project entitled "Some Physico-chemical Applications of Atomic Absorption, Fluorescence and Emission Spectroscopy".

Associate Professor J.A. Ramsay, of the Department of Physics, will receive $1,200 for the continuation of his work on "The Structure and Properties of the Services of Metal Crystals and Adsorption of Gases".

Mr. P.G. Irwin, of the Department of Geography, has been granted $863 for his work on "Processing of Cash Crops in a Developing Economy". This is a project concerned with Papua-New Guinea and the Pacific Islands.

NEW CHAIRMAN OF VICE-CHANCELLORS' COMMITTEE

The Australian Vice-Chancellors' Committee has appointed Professor B.R. Williams, Vice-Chancellor and Principal of the University of Sydney, to be its Chairman in 1972 and 1973. He will succeed Professor J.J. Auchmuty, Vice-Chancellor of the University of Newcastle, who has been Chairman of the Committee for the past three years.

The Deputy Chairman of the Australian Vice-Chancellors' Committee in 1972 will be Professor D.P. Derham, Vice-Chancellor, University of Melbourne.

S. R. C. ELECTIONS

Two hundred and forty one votes were cast in the election conducted recently for the position of Treasurer of the 20th Students' Representative Council. Mr. Garry McDougall, who received 123 votes, was successful, defeating Mr. Adrian Rooney, who received 117 votes. One vote was informal.

There were nine candidates for election as general representatives on the Council. Since only six positions had to be filled, a poll was necessary and the following students were successful: Messrs. J. Abbott, D. Bowden, A. Hardman, T. Laffan, E. Lewis and G. Omerod.

NEW SCIENCE SUB-DEAN

Mr. Brian A. Engel, Senior Lecturer in Geology, has been appointed Sub-Dean of the Faculty of Science to serve for two years from 1st January, 1972. Mr. Engel will succeed Dr. K.H. Bell, Lecturer in Chemistry, as Sub-Dean. The appointment of Mr. Engel was made by the Faculty Board, Faculty of Science.
The following Faculty Handbooks for 1972 may now be purchased from the University Cashier:

Applied Science; Economics and Commerce; Science.

Handbooks for the Faculty of Architecture are expected to be available shortly.

It is hoped that the Faculty of Engineering Handbook, the Faculty of Mathematics Handbook and the Faculty of Arts Handbook will be available before the end of November.

Faculty Handbooks may be purchased from the University Cashier for 50 cents each, plus 25 cents postage where applicable.

HOSTEL STEERING ORGANISATION

A further two meetings have been held of people interested in the establishment of an international students' hostel. The group has designated itself the Newcastle International Student Hostel Steering Association, approved a constitution and elected a Management Committee.

Formation of the Steering Organisation was prompted by the World University Service, Newcastle, which has been concerned for some time about the accommodation problems facing students who come from overseas and outside the Newcastle area. Several organisations and individuals interested in the welfare of students as well as W.U.S. are involved.

The objects of the Organisation are to: establish in the Newcastle area a hostel or hostels for accommodation of Australian and overseas students and to raise funds for this purpose, provide for the management and control of the hostels and do all things incidental or conducive to the achievement of these projects. Membership is open to all members of the community for a fee of 50 cents a year. The management of the Organisation is vested in a Management Committee consisting of office-bearers and four other members, at least one of whom must be an Australian student and at least one an overseas student.

At the first meeting on the 19th October it was indicated that hostel facilities existed at Tomago and Morpeth. Subsequently it was ascertained that the Tomago property had been sold and that students could apply to the Head of Morpeth Theological College for permission to reside at the college either as full boarders, or just having access to kitchen facilities. No rules applied as regards conduct at the college apart from those dictated by discretion and common sense.

At the meeting on the 26th October an election of officers of the Management Committee resulted as follows: President, Professor J. Keats; Vice-President, Mr. B. Hazell; Secretary, Mr. J. Davidson; Treasurer, Mr. L. Elber; an Australian student, Miss S. Angus; an overseas student, Mr. V. Yu; other members, Messrs. M. Connon and D. McKie.

It was resolved to ask certain prominent citizens to be patrons of the scheme, as recommended by the Finance Sub-committee. The Planning Sub-committee reported that it had inspected several houses and considered that everyone of them was unsuitable for use as a hostel. An inspection will be made of another property. It was suggested that a systematic tour of suitable suburbs be made in an endeavour to find suitable buildings.

The Sub-committee responsible for the drafting of basic principles for the administration of the hostel has completed its report. This will be discussed at a meeting of the Organisation in December.

People interested in the hostel scheme should contact Mr. Davidson (51 1448).
ELECTION OF STUDENT MEMBER OF COUNCIL

Subsequent to the close of the poll it was established that one of the candidates was ineligible for election. Consequently I hereby declare the election void.

A further election will be conducted in First Term, 1972. Students will be notified by post of the details of the election and will be invited to nominate persons for election at that time.

P.D. ALEXANDER,
RETURNING OFFICER.

FILM PREMIERED AT UNIVERSITY

"Box", the 30-minute colour feature film made by Mr. Bob Hill, a former student of this university, has had its first round of screenings on the campus this week.

The film was partly financed by the Students' Representative Council, which gave $500, and the Australian Council for the Arts, which contributed $1,000. Filming was commenced in 1970, with James Beiers, Justine Morte, Max Ryan, John Pearce and Jean Talbot playing the leading roles. Locations in the Hunter Valley and on the North Coast were used. Several experimental techniques are availed of, including an organ-amplified clavichord-electronic synthesizer soundtrack, composed by Ron Nagorcka, of Melbourne.

Mr. Hill, who was assisted by Mr. Bob Chard, a Newcastle cameraman, said he was hopeful that "Box" would be taken on the Aquarius Film Circuit next year. If it was the film would be screened at Australian universities, technical colleges and Colleges of Advanced Education.

ADVERTISEMENTS

HOUSE FOR SALE: Brick-veneer, three bedrooms, large lounge, kitchen, laundry, toilet, all Tilux lined, tiled bathroom. Landscaped gardens. $21,500. 11 Lester Parade, North Lambton. 'phone 57 5503

SHARE FLAT: Student wanted to share large furnished flat in town near sea. After 17th November, $9 a week. Contact Denis Rowe, 22 Tyrrell Street, Newcastle.

HOME UNITS FOR RENT: Two new units on the waterfront at Rathmines, each has two large bedrooms, carport, 20' x 28' lounge, good views. Units fully carpeted and tiled. 'phone Mrs. Clark (57 1535).

HOUSE FOR RENT: Two-bedroom, unfurnished house in Cardiff Heights, available for rent from mid-December. $20 per week. Ring 54 3195.

COMING EVENTS

Maths Seminars

A seminar will be held in Room AG 24 on Friday, 29th October, at noon. Mr. V. Yu, a postgraduate student in the Department of Mathematics, will speak on: "Diologarithm Function and Its Applications".

A seminar will be held on Wednesday, 3rd November, in Room A 127 at noon. It will be conducted by Mr. C.J. Ashman, Senior Tutor in Mathematics, who will talk on "Cartesian Products of Classes of Sets".

A seminar will be held on Friday, 5th November, in Room A 127 at noon. The seminar will be conducted by Professor E.S. Barnes, of the Department of Pure
Mathematics, University of Adelaide, who will speak on "Unique Factorisation Domains and the Euclidean Algorithm".

Smorgasbord Lunch

To mark the end of term there will be a Smorgasbord Lunch at the Staff House on Friday, 29th October, starting at 12.15 p.m. The cost will be 70 cents per person, payable at the door.

W.U.S. Dance

W.U.S. Newcastle will hold a dance in the Union on Saturday, 30th October. The band will be "Delta" and the cost for admission is $1.

Conference on the Language Arts

The Department of Education in the University is organising a conference on the language arts to be held on Friday, 5th November and Saturday, 6th November. All sessions of the conference will be held in the Science Lecture Theatre (H 01).

Papers to be read will be useful to teachers of kindergarten, first, second and third grades at schools, as well as mistresses of infants' departments and principals of primary schools.

Speakers will be Associate Professor N.R. Cattell (Department of English); Miss M. Higgins, Lecturer in Education, Balmain College of Advanced Education; Miss K. Kinane, Director of Young People's Programmes, Australian Broadcasting Commission and Mrs. A. Renwick, recently retired as Senior Lecturer and Head, Department of Education, Wagga Wagga Teachers' College.

In an afternoon panel discussion on 6th November the main participants will be Mrs. H. Gee, Teacher, Opportunity Deaf Classes, Child Health Centre, Newcastle, Miss J. Goodwin, Speech Therapist, Royal Newcastle Hospital, and Miss W. Merriless, Teacher, Opportunity Language Classes, Christo Road, Separate Infants' School.

The registration fee for the conference is $3; this includes a copy of the Conference Proceedings which will be published in the form of a book.

Post-exam Balls

The spectre of examinations is distracting the attention of practically everybody, but there will be a time when exam preoccupations can be cast behind. The Union will hold Recovery Balls on Friday night, 26th November and Saturday night, 27th November. Double tickets costing $10 each and covering all essentials are available at the Union Office. Only one ticket will be sold to every member of the Union.

POSITIONS AVAILABLE

PROGRAMME: COMPUTER CENTRE Position No. N55/71

Applications are invited for the above position.

The Computer Centre is equipped with an ICL 1904A Computer, to which communications equipment has recently been connected. The Centre provides a centralised comprehensive computer service for all users in the university for teaching, research and administrative purposes. The successful applicant will be responsible to the Director of the Computer Centre.

It is expected that applicants will hold a University degree, but others with suitable experience will be considered. The commencing salary will be within the range $4,759 - $7,171 p.a. depending on experience and qualifications. An applicant with superior qualifications and experience may be appointed within a salary range of $7,632 - $8,215.

Written applications addressed to the Personnel Section should include personal information, details of qualifications and experience, together with names of two referees.
Applications close 10th November, 1971.

**COMPUTER OPERATOR** Position No. N56/71

Applications are invited, preferably from suitably experienced persons, for the above position within the Computer Centre. The University's facilities are based on an ICL 1904A Computer and associated equipment. Experience on a multiprogramming processor or a similar peripheral types would be advantageous.

Duties include operation of the computer and associated peripheral equipment.

Applicants should be educated to Leaving Certificate or H.S.C. standard.

The commencing salary will be within the range $1,749 - $4,927 p.a. depending upon age, qualifications and experience.

Applications close 8th November, 1971.

**SPORTING NEWS**

**Cricket Stars Prepared**

Matches in the Inter-Faculty Cricket competition will begin at University Oval on Tuesday, 9th November, when Arts will play Engineering.


The competition is divided into two sections and the winners of each will play in the final on Sunday, 5th December.

**Forthcoming District Cricket Fixtures**: 30th October and 6th November: University plays Cardiff-Boolaroo, first grade at University Oval, second grade at Walters Oval, third grade at Cardiff Oval; fourth grade, 30th October, University I plays University II at Stevenson Park, University III plays Lambton-New Lambton at Ford Oval; 6th November, University I plays Charlestown II at Sports Ground No. 6, University III plays Hamilton-Wickham, Stevenson Park.

**Representative Match**

University Oval was the venue for the first grade representative cricket match between Newcastle and the Hunter Valley on 23rd and 24th October. Hunter Valley batted first and scored 278 points, whilst Newcastle in reply accumulated 308 runs for the loss of eight wickets. State cricket selector, Mr. S. Sismey, saw the match and praise was ventilated for the high standard of the wicket prepared by the University's Gardner/Groundsman (Mr. H. Presker).

**Staff Golf**

The University v. R.A.A.F. Officers' Mess golf match, played at Maitland Golf Links on the 20th October, resulted in R.A.A.F. beating the University. The best players: Group Captain T. Turner (R.A.A.F.) 38 points, and Mr. R. Deamer (University) 42 points.

The University staff team will travel to Armidale for its annual match against the University of New England on 30th and 31st October. The 11 members of the Newcastle team will be defending the trophy which they won last year.

**Cricket Tour**

The Australian Universities Sports Association will send a cricket team representing Australian Universities to New Zealand for a three-week tour next January. The games will include one Test and a fixture against a New Zealand under-23 team. Frank Enghoe (Engineering - Commerce) and Robert Baker (Arts) have been nominated for the tour.