



# FELIX

# 6<sup>D.</sup>

IMPERIAL COLLEGE UNION, 28th JANUARY, 1971 No. 296 297

## REFECTORIES SLIDE

Users of the Union Refectory will already have noticed that the cafeteria service has been replaced by a buttery service as from the start of this week. Similarly, staff members will have suddenly found that their eating facilities in Southside have been radically altered. These changes have had to be made at very short notice in yet another attempt to prevent the Refectories making a disastrous loss this coming session; changes which will hopefully achieve their aim.

In the Union building, the popular cafeteria service has been replaced by an all-afternoon buttery service. It is hoped that this move will attract back to the Refectories, and to the Union in particular, the substantial number of customers which was lost by the 15% price rise last term. A suggestion to move Hall Dinners to College Block has, however, been dropped for the moment in face of strong opposition.

The Staff buttery and waitress services in the Senior Common Room in Southside have been combined into one cafeteria type service, similar to the present student cafeteria, but serving slightly better quality food at a correspondingly higher price.

At the Rector's special Review of Refectories held on January 11th, it was revealed that despite the 15% price increase at the start of last term, the financial situation in the Refectories continues to be critical. Takings for the first two months of last term were down by nearly £3,000, and on the present trends it was estimated that the Refectories would make a loss of at least £20,000. (Nearly as bad as the £29,124 deficit last session).

As was reported in the last issue of FELIX, at the first Rector's Review, held last term, nothing concrete was suggested to ease the financial crisis, and the general impression was that another price rise was inevitable. However, over Christmas when the detailed accounts became known to the Catering Manager, it was realised that the last price increase had been too much to be borne by many students and that more and more were cooking for themselves or going outside.

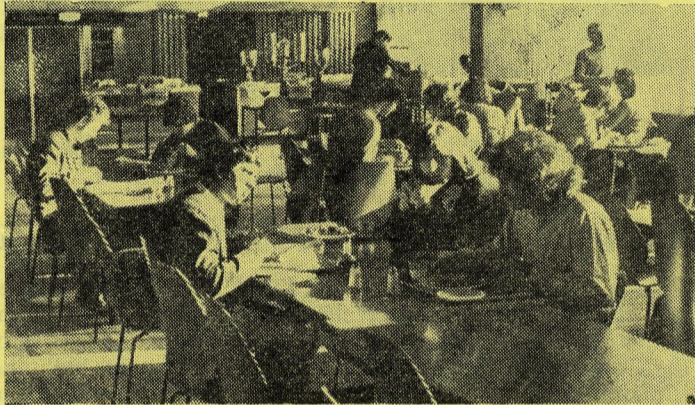
Accordingly, Mr. Mooney came up with three basic suggestions, as the only sensible alternative to a price increase.

In the Union, replacement of the cafeteria service by a "pie-and-chippie" would not only save £6,000 on wages, but it would also fulfil the need for cheaper meals. The demand for buttery meals has been demonstrated by the number of customers using the pie-and-chips section of the new Southside cafeteria, while at the same time the number using the College Block student buttery has not declined. It had been imagined that serving pie and chips in Southside would ease the crush in College Block, but in fact it has demonstrated the need for more buttery services around I.C.

The new Union buttery is open from 11.00 a.m. through to 6.00 p.m. continuously, and is intended not only to serve pie and chips, but also fish, dish of the day, salads, biscuits, etc.

However, since most of the staff have been transferred to College Block or to Southside, there is not now an adequate number of staff to deal with formal evening Dinners in the Dining Hall upstairs. On these occasions, extra staff will have to be brought over from the College Block to a greater extent than previously, and this has led Mr. Mooney to suggest that Dinner in Hall every Tuesday night should be transferred to College Block, where it would be slightly easier to prepare. However, strong and united opposition from all sides has led to the idea being shelved for this term at least, and hopefully being dropped altogether.

The second of Mr. Mooney's suggestions at the Rector's meeting was that the prices of beer and spirits in the College bars should be increased by, say, 2d. per pint, to boost the Refectory finances by about £1,500 per year. Thirdly, he suggested that the Southside SCR buttery service and the waitress dining room should be combined into one cafeteria. This would save approximately £1,500 on wages, and should bring back those customers who had been driven away from the waitress service by the necessary increase in price last term.



By these actions, said Mr. Mooney, the College could save itself from quite such a large deficit, though he could not possibly foresee the Refectories breaking even. He had dropped his earlier suggestion to close down the Union building entirely (which would have saved nearly enough to make the other Refectories pay) because a complete closure would not only have degraded the College facilities, but would also have dealt a disastrous blow to the Union bar takings. Drastic action was, however, needed in the Union, if the Refectory was to be made into a financially viable unit.

These suggestions having been pulled out of the hat in this manner, the Union and the Senior Common Room representatives were then given only four days in which to consider the proposals and decide whether to accept them. Despite the short notice given, both bodies were able to hold discussions on the proposals, and both agreed that the changes should go ahead.

However, in the Union's reply to the proposals, President Judith Walker, while accepting the changes were necessary, and wishing the new buttery every success, nevertheless expressed the hope that these changes were not another stage in the run down of the Union building. This latter possibility has, in fact, been uppermost in the minds of very many ICU officials, who are concerned that Dinners should continue to be a major activity in the Union building and that the Union should not become more under-used than at present.

## Spirits Rise

A considerable storm is brewing up over the proposed increased prices of beer and spirits in the College Bars, which are intended partially to subsidise the ailing Refectories.

The recommended new prices, which have yet to be approved by the Refectory Committee, would be brought in on February 15th, to coincide with decimalisation, for convenience. Draught beer would then cost 14p (2s. 9.6d.) in Southside Bar, and 13p (2s. 7.2d.) in the Union bar; whisky, gin, vodka, etc., would be 15p (3s.) in either bar. A petition is being organised in R.S.M. protesting against these increases from the present prices of 2s. 8d., 2s. 6d., and 2s. 9d. respectively.

As reported elsewhere in FELIX, the price increases were decided upon at the Rector's Review of Refectories and the Refectory Committee meeting at the start of term. The actual level of the increase was decided upon by the 5-man Bar Committee.

The recommendations made at the Rector's Review were that the prices of beer and other beverages should be increased (2d. per pint was mentioned) to bring in an extra £1,500 profit to the Refectory system, to reduce the expected deficit on catering services. It was also suggested by Catering Manager Victor Mooney that although the College Accounts showed the Bars made a profit last year of £926 on a turnover of £55,965, in fact the Bars received services from the Refectory system for which they had not been charged, and which meant that they were running at a slight loss.

Protests from students and other bar users have been aimed at both of the above reasons for increasing the prices. Many regulars angrily ask why the bars should subsidise the Refectories, and maintain that increasing beer prices is only an attempt to hide the bad state of the Refectories. Anger is also directed at the student members of the Refectory Committee, who did not oppose the suggestion of a subsidy.

Several people have also expressed doubts at the cost of the "services" received by the bars from the Refectories. However, FELIX, has not yet been able to find anybody in a position to seriously challenge Mr. Mooney's claims and/or produce alternative figures. The services in question were listed by Mr. Mooney as the cost of looking after the bar accounts, stocktakers' fees, cost of washing glasses and towels by the Refectories, etc. Also the fact that the wages bill was low last year owing to the employment of casual labour in the absence of enough full-time barmen. Mr. Mooney estimates that these services came to over £1,000 last year, which was not covered by the profit shown in the accounts. Moreover, wholesale beer prices were rising steadily.

In addition to the arguments surrounding the principles of the price increases, concern has been expressed to FELIX by many Bar users at the level of the new prices. Although it was agreed at the Rector's meeting that the new prices should be roughly half way between the present prices and those outside, there are numerous complaints that this has not been adhered to. However, in this context the word "outside" is very ambiguous, and it is not clear whether "outside" refers to pubs in the immediate neighbourhood, or in those areas where most I.C. students live. Regulars also complain that an increase in prices might reduce custom by driving people outside the College.

Overall, a considerable body of opinion is being mobilised against the proposed new price list, in marked contrast to the last (unpublicised) occasion, when 2d. was added to the price of a pint without prior warning, and passed virtually un-noticed!!

## Mike meets Maria —WEDLOCK

After a four year absence, MIKE (I.C.'s giant working micro-meter mascot) has been affixed to MARIA, the Mascot Anti-Removal Indicating System. It is now on display, on its plinth, in the Union Lower Lounge. A brief review of Mike's troubled career would be in order. Many years ago, oh best beloved, all the other London colleges got pissed off with I.C. pinching their mascots, whilst I.C. didn't have one. So I.C. made a mascot, a micrometer called Mike. It was designed in R.C.S., cast in Mines, and machined in Guilds, and hence created. (For the pseudos Mike is a symbolic representation of the collectiveness of the constituent colleges, three in one, as I.C.).

Alarms were (and still are) necessary to protect it, and Maria was not complete when Mike was first ordered (by I.C.U. exec.) to be put on its plinth. U.C. promptly came along and cut Mike out with oxy-acetylene cutters, and took it away. It was later rescued from a

lump of ferro-concrete that U.C. had placed it in. That was four years ago. Since then it has been pinched by Kings Medics and some idiots in Mines, but has never been seen on its plinth. Maria is now complete, and any attempts to remove Mike will result in lots of alarms going off and waking everyone up, and they'll promptly rush into the Union to stop the theft of Mike!

The door on the plinth is held in place by three ASSA locks in conjunction with an electronic combination system. The clamp is unaffected by filing or sawing (but this would set off the alarms); oxy-acetylene and thermic lances will find the going tough; liquid helium might do the trick.

One last word:— Mike and Maria are looked after by the Wooden Horse Organisation (WHO) who also co-ordinate mascot-pinching raids. If you're interested, drop a line under W in the Union letter rack. (article by M).

# FRIENDS OF DESPAIR

Last Summer term, on a sunny afternoon, when people at College were either relaxing in Princes Gardens enjoying the good weather, or busily trying to get their computer programs to work, a very lonely and distressed second year jumped from the top of Southside, leaving a long note behind, a sad goodbye to his friends, who never came to his rescue when there was still time.

This incident shocked the entire College, especially his tutors and the Health Centre. Where did things go wrong? What led a person of 20 years of age into such an act of desperation? That time last year proved to be unusually bad for I.C. Two more people took their lives within the same month, and more have followed last term. To avoid causing any extra hardship on those concerned, all these suicides are kept a closely guarded secret and no one hears about them and, as a result, very few people realise the true extent of the problems of student stress.

## The Samaritans

Life is not only hard for students, it is hard for millions of others. Consequently about 6000 people a year in Great Britain alone cannot stand the pace. The problem of human stress is enormous and there is no absolute solution for it, but even helping a few people out is worth all the trouble one puts into it and with time these things add up.

In 1953 Chad Varah, an Anglican priest and a man of tremendous humanitarian qualities, used his Church (St. Stephen Walbrook, in the City of London) and a telephone list of suicidal people. He put a small ad in a London evening newspaper and received 27 calls in the first week. He listened patiently to people's problems, showing them that there was someone prepared to hear their troubles and that they were not completely alone in an alien world.

Chad Varah was soon joined by hundreds of other volunteers, listening to their clients' troubles and offering help. The help of a needy friend. His organisation, called the Samaritans, a non-religious based organisation soon expanded with stations all over the country and today there are some 12,000 trained volunteers in Great Britain alone. There are people from all kinds of social backgrounds and from age groups varying from 18 to well above 70. They are carefully selected after an extensive training in which they can learn to be as open-minded as conceivably possible about anything and anybody and be good listeners. They work in strict confidentiality and in collaboration with psychiatric establishments and professional consultants.

As a result the national suicide rate has gone down and studies done in 15 'samaritan' towns show a decline of 5.84% where as in 15 similar 'non-samaritan' towns there was an increase of 19.84%.

The Samaritans still operate along their original lines. A telephone (for London—626-9000) and a person at the other end to answer it 24 hours daily. The caller, or 'client' as he is referred to, can ask for anything from a piece of fatherly advice, to some lusty sex talk from a female which will make him ease off his sexual frustration. Whatever he asks for the Samaritan is trained to be able to give it. The 'client' is always encouraged to come to the centre and talk things over, over a cup of coffee. In certain cases specialist psychiatrists are called in for help at any hour during the night.

## Present Situations at I.C.

At the moment people at I.C. who are under stress can either:

- Go and talk to their tutor or supervisor and ask for advice.
- Go and see Dr. Grey at the Health Centre in No. 14, Princes Gardens, who—if he thinks necessary will refer them to the College psychiatrist, Dr. Storey, who visits the Health Centre twice a week.
- Go and see the Medical Social Worker, Mrs. Hartnett, who has just joined the College, also at the Health Centre on Tuesdays, Thursdays and Fridays. No prior appointment will normally be necessary.
- Talk to their friends and hopefully get suitable advice and help.

These existing channels cover most troubled people during the day. But what about during the night when there is nobody around to help. If they are in deep distress and feel suicidal they might call the Samaritans, but some people prefer to talk to members of their own age group, fellow students of the same College and with similar problems.

At the end of last year Harry Fairbrother suggested to Judith Walker that a scheme, similar to the Samaritans, run by students of this college, for the members of I.C. should be set up. Dr. Grey has been very enthusiastic about the whole idea and a meeting was held between the Welfare Committee, representatives from the Samaritans, people from Essex University, who have already started a similar scheme on their campus called 'nightline', Dr. Grey, some



Chad Varah, founder of the Samaritans

College tutors and other interested parties, and the basic lines for the formation of such a group were drawn.

## International Conference on Telephonic Aid

As a result of the meeting, the I.C. Union Welfare Officer and the Secretary of the Welfare Committee (Steve Cann) went to a 3 day conference over the vacation. The Title of the Conference was 'Youth Emergency Telephonic Aid', and it mainly dealt with the problems of adolescence, suicide and the setting up of youth services for people in distress. There were delegates from all parts of Britain, Ireland, France, Italy, Switzerland, Holland, Denmark, Austria, Norway, Poland and Germany.

## The Problems of Adolescence

Adolescence is the psychological counterpart to physical maturity and occurs in the period between the ages of 14 or 15, right up to the ages of 21 to 22, and is the most critical time in psychological development.

Before adolescence, children normally trust their parents with their problems. Although mentally disturbed children exist, one never hears of a child having committed suicide. As soon as people enter the stage of adolescence they start facing all the harder problems of life.

One in 12 people in this Country spend part of their adult life in mental hospitals. If help were available to them earlier on, this figure need not have been so high.

Since the last decade counselling services in Britain have rapidly expanded. Unfortunately this expansion was not very well planned and the help provided is by no means spread out.

When a person is asking for help the first thing is for someone to listen to his problems and offer him his friendship. To 'befriend' as the Samaritans call it. One should never attempt to deny the extent of the other person's problem and reducing it does not solve it. This can cause a certain mistrust on the part of the other person by making him feel less important a human being than the rest.

A person with a mental disturbance is in a very vulnerable position. This vulnerability is not reduced by simple friendship. He is ready to accept any advice offered and one must be very careful not to give any direct advice as, if anything goes wrong, that person's trust will be completely shattered, as he is unlikely to turn again for help, even to other people. In such cases professional psychiatric treatment is necessary for complete cure. Befriending only delays the crisis.

But, as it can be said that just as war is too serious a problem to leave to generals, the problems of mental health are too serious to leave to the psychiatrist on his own. Action by common lay people can go a long way in helping those who need it.

## Other Universities

The Essex University 'Nightline' is the only student organisation running at the moment on a campus. Others are starting at Brunel (London) and St. Andrews (Scotland).

Essex University have a small hut on the campus with a telephone manned every night. Volunteers enter the scheme after two weeks training. To provide continuity, a number of members of staff are engaged in this as well.

When a 'client' calls he is always encouraged to go over. The events are recorded in a log book, with no names and no further records are kept. There are group leaders who can be contacted in emergencies, or whose advice can be sought afterwards. The number of calls to the centre have increased as more people come to hear of it, and a lot of students who would never have gone to the local Samaritan branch, ask for help at 'Nightline'.

Various similar groups operate on some Continental Universities, some of them providing a telephone link only, some, like Essex, personal contact as well.

## General Meeting at I.C. on February 4th

Universities tend to be small communities of their own, with little contact with the outside world. This kind of environment tends to create rather special problems and I.C. is no exception. We are all students and have to face either exams or supervisors sooner or later. Many students in London have to live in appalling accommodation at extortionate rents, miles away from College and other friends. On top of that I.C. is a highly specialised scientific institution where it is inevitable that, for some people to excel themselves they have to be narrow minded and lose their sense of humanity. Finally I.C. has only 300 women in a college of 4,000 students. Sexual frustration and complete lack of contact with the opposite sex can cause severe depression and create a vicious circle which can only end in disaster.

There are many people in this College who are socially aware. Clubs like O.S.S. prove this. These kinds of people, together with a few members of staff, who can provide continuity for the organisation, can help run such a group here at I.C.

The Samaritans have already offered to help with the training scheme and lectures will be arranged for the first group of volunteers.

A meeting has been arranged by the Welfare Committee for all people interested in this, on **Thursday, February 4th at 6.00 p.m. in Physics Lecture Theatre A.**

Anyone who feels that he or she, as a member of this community called Imperial College, can help some of its members who are now in difficulty, should make an effort to come along. Be a friend yourself, to others and then you too can rely on finding a friend in an hour of need.

G. A. C. Assimakis,  
I.C.U. Welfare Officer.

## NUS USC

The third Universities Specialist Conference was held at Keele University on 2nd-5th January. This Conference, unlike the two national conferences whose major job is that of debating motions and thus preparing national mandates, is one based on more detailed discussion of a number of topics, especially important within the University Sector.

Discussion groups were held on Secondary and Higher Education exams, postgraduate education, the Open University, Continuing Higher Education, Technology—Education relationships, Comprehensive systems of Higher Education, Strategy for Student Action, Community Action related Curricula and University Government. Working groups of a more specialist nature run on grants, Loan Financed Housing, Quinquennial Planning, Legal Status of Students Unions, Privy Council and Student Counselling. Also papers on Bridge Years and four term Years were debated, whilst the N.U.S./N.C.C.L. paper 'Academic Freedom and the Law' was investigated, discussed and debated.

Many of the topics were discussed with regard to the political environment, but it can be seen that all are important topics for discussion and action within the student body as a whole.

Perhaps the most direct advantage gained by the I.C. delegates at this conference, I feel, was the meeting of other delegations and the learning of their approaches to problems we have at this college—this inter-University feeding of information is perhaps the most neglected field for action within many Universities—we all have our problems, but most have been solved elsewhere. Side effects included meeting N.U.S. services personnel—important matters like the setting up of Endsleigh Insurance bureau, full-time within I.C. and the nature of I.C./N.U.S. Travel bureaux relationships were discussed, the former holding promise of much needed advertising material in both Felix and the Handbook.

Finally, one motion was moved directly forward for debate at a National Conference—this time it was a Counselling Services motion (problems with respect to Tutors, Careers Advice, etc.)—a problem very relevant to I.C.

City and Guilds Engineering Society

Annual Dinner

Wednesday, 10th of February, 1971

Lounge Suits

Tickets 30s. each

I.C. Union

7 for 7.30

## EDITORIAL

The prospect of increased bar and refectory prices, together with general price increases, is disturbing to students as well as to others with relatively fixed incomes. It appears that no matter what policy is applied, the refectories cannot but lose almost £20,000 every year. It's a vicious circle that is universally applicable — if prices rise their sales inevitably drop and turnover cannot be improved.

However this college is not a good proof of the theory. This part of London is an expensive and fairly highbrow one. Unlike those colleges situated elsewhere in Greater London there are no local popular inexpensive cafes which can compete with college refectories. Mr. Mooney realises this and can thus feel confident that his price rises will be effective. Today's news is nevertheless a warning that increased prices cannot indefinitely be met.

The idea, first suggested by Harry Fairbrother, of a scheme to try and help depressed students in a similar manner to the Samaritans, is a good one. It seems that at last people have admitted that I.C. does have some tremendous faults, some of which can lead perfectly normal people into deep depression.

The scheme's intention of course is to prevent suicides, the most ironic form of death. What I.C. now also needs is some sort of organisation to probe why young people should want to take their own lives. It's a long complex and environmental question which cannot simply be answered by one person. What answers are discovered should be quickly applied to our college, the sooner the better.

## Summer Jobs

We have been sent copies of two books published by an organisation known as Vacation-Work of Oxford. The "Directory of Summer Jobs in Britain" claims to include 30,000 vacancies for jobs to occupy your idle summer months. Of these, about 20,000 appear to be hotel jobs such as chambermaids (£6 a week), dishwashers (£12 a week), etc. Farmworkers and fruit pickers also appear to be in demand. Some voluntary and social jobs are included. Assuming that all the jobs will not be gone by the time you get round to buying the book, it seems a reasonably Good Thing, although it costs 14 bob (would you believe 70p?)

Very similar in appearance but wider in scope is The Directory of Summer Jobs Abroad, which, by a coincidence, also contains 30,000 vacancies. A wide selection of countries is featured including Andorra, (Waiters and Hall Porters) and Ghana, (Voluntary Work-camps). The book also contains details of Visas, Work Permits and that stuff, together with some cheap travel facilities; all for 14 shillings. It does not include anything about the U.S.A. Apparently there is another book available, costing 39 shillings, with 80,000 entries at wages up to £100 per week, in all parts of the U.S.A., but they did not send us one of these, so I'm not going to mention it.

Get your copy from your friendly neighbourhood bookshop — the 1971 edition was published on January 18th.

### FELIX

#### NEWSPAPER OF IMPERIAL COLLEGE UNION

Ed: Anthony John Sims

Asst. Ed: Mike Yates  
Colin Harvey  
Dave Sugden

Photos: Malcolm Bailey

Circulation: Pete Morgans  
Arnold Darby

Sports: Mike Adams

Not to mention: Susan Parry, Tony Kirkham, John Ackers, Charlie Hulme, Steve Heap, Pete Johnson, Rify Abdulla, Dennis Taylor, N. E. Body, Els I. Missed.

Jokes by kind permission of the British Museum.

Printed by F. Bailey & Son, Dursley, Gloucestershire.

National Advertising: University Press Representation, Grand Buildings, Trafalgar Square, London W.C.2.

Published by the Editor on behalf of I.C.U. Publication Board, Imperial College Union, London, S.W.7.

## LETTERS Film Critics

Dear, Sir,

With reference to the showing of the Carnival Film "Ulysses", I must protest about the standard of behavior of certain members of the audience. As the film was being shown, there was a continuous barracking of crude puerile humour and paper darts. This sort of "criticism" was never deserved by the film and constitutes a serious breach of individual liberties and rights. It is well known that "Ulysses", both film and book, is a difficult work of art to understand, and so it must be asked why did certain anti-social members of I.C. attend for the sole purpose of destroying the enjoyment of the majority of the people?

I have noticed that Film Soc has also been plagued by similar audiences so that films of artistic quality can no longer be satisfactorily viewed. I feel that the complete lack of appreciation of the Arts in Imperial College is a tragedy and I hope that everybody will agree with me in condemning these infantile disruptions.

Yours sincerely,

Peter Lewis.

Dear, Sir,

I should like to add some comments about "the complete lack of appreciation of the arts" which Peter Lewis observes in Imperial College. I don't think that audience reaction at the Film Society is anything like as bad as he implies. There is a natural ambivalence towards foreign films, and the consequent subtitles, which is due to unfamiliarity and conditioning by unimaginative major distribution policies which almost totally exclude the foreign language film from the commercial circuits. The committee of the Film Society is anxious to overcome this by mixed programming — a variety of the "art-house" and better commercial releases — and I think that this policy has been largely successful over the past two years. For instance last year "Elvira Madigan" and "Closely Observed Trains" were enthusiastically received, and this season, after perhaps initial scepticism towards the unknown, "Capricious Summer", "Stolen Kisses" and "The Truce" were very popular. There is a danger of becoming so keen on "artistic quality", a term which applies to many popular English-language commercial films as well as to foreign-language films, entertaining or not, that such vital factors as print quality and sound synchronisation are ignored. These can turn scepticism and minor irritation into restlessness and antipathy, and quite justifiably so.

With regard to "Ulysses" in particular (which the Film Society arranged to screen on behalf of Carnival), I should stress that this film was thought by Dennis Taylor and myself to be that capable of raising the maximum funds for Carnival. There was quite a fuss when it was first released, and "Ulysses" achieved an undeserved notoriety, which I think we were justified in cashing in on for the sake of a worthy cause, so there was presumably a faction of the audience for whom the film didn't live up (or down) to their preconceptions.

It is a pity if "barracking of crude puerile humour and paper darts" is not confined to the films shown by H. G. Wells Society apparently to satisfy this basic need (as well as to raise money). Most of the "load-of-old-corn" films shown by them, which presumably do not fall into Peter Lewis' category of "artistic quality" would indeed be deadly dull if it were not for the audience exposing every ambiguity in the dialogue — the vast majority of the audience encourages "infantile disruptions" which are an absolutely vital ingredient of the shows.

However I agree with Peter Lewis in deploring any audience behaviour which detracts from the enjoyment of others.

John Ackers  
(Chairman, Film Society).

## I.C. Television

Dear All,

Contrary to rumours spread about by our publicity STOIC is alive and well and living in Elec. Eng. 306. The studio is almost completed and we can now start making programmes again. If you've got any ideas or would just like to help — camera pushing or in front of tele camera appearing or anything — get in touch with us via the Union Rack.

As it doesn't look like we shall be getting our line to College Block installed in the near future we shall be making programmes for stock-pile and showing when ICTV gets underway in 1972 and for our own use from next year —

## JUDITH GRANTS

As a result of NUS pressure the government has agreed to a major grants review in September 1971. (Details in Sen-net and later Felices). In order that the negotiations be really successful, students (i.e. we!) will have to campaign — to draw attention to grant inadequacies; to influence public opinion by publicity; to win support from other groups; to influence government, local authorities, parliament. Legislation changes as well as more money are required because worse off than us are the students e.g. HND, HNC, whose grants depend on the whims of their local authorities. Since there are few sanctions students can apply we have to win support.

Our standard of living has been substantially cutback in recent years and inflation has hit harder. The Rectors refectory meeting realised that the prices could not increase — we had no more money.

ICU will have to plan its own strategy and USK action is also called for. One suggestion has been to write to local papers (St. Ken. and your own town) and perhaps publicise hardship cases — so although this might sound sensationalistic if there's anyone who has very bad grants difficulties come and tell us. We will have to mobilise effectively — this campaign affects us all.

## COMPUTING

With the establishment of a Dept. of Computing and Control has been suggested another set of college committees (yipee!). One, the computing policy committee consisting of 6 profs and the Rector, will plan the development of computing at IC — finance, facilities etc. Whereas the computing services committee, subordinate to the first but still dominated by professors (9/11) will deal with more mundane matters — quality of service, publicity, co-ordinating depts teaching and research requirements. These proposals were drafted by 'senior personnel' and there was little consultation with others likely to be affected. The Board of Studies was then presented with the complete plan — the usual case with BoSt business.

The assumption has again been made that only professors are capable of directing services and ascertaining the college's needs, although we have successfully challenged this 'right' many times (e.g. BoSt itself). Students as major users for teaching and research purposes should be involved in deciding computing priorities and development. A system of representation is being worked out so pass on any comments through your dept reps.

## SELKIRK WARDEN

Due to Mr. Seaford's resignation (only from his warden-ship!), the machine is now geared to 'evolving' a new warden.

It would seem only logical that students should participate in a proper selection procedure. Wardens are obviously closely involved with students' lives. Only because urgent representations were made to the Rector for student involvement have we been consulted — not on the choice as yet, but the procedure. It has been suggested that the next appointment be made for a 5 year term only, however the actual selection procedure we will have to discuss.

Halls have begun to break out of their traditional straightjacket. Residents, through hall committees and the Union can now make decisions instead of being dictated to by wardens. With this development the role of a warden has changed — he should now be more an advisor than guardian. The next warden we must ensure to be of this new breed.

Union Meeting next Thursday, 28 January — grants.

i.e. September 71.

We also want some very good folk/Jazz/Blues musicians to help us put together some Light Entertainment programmes so if you are bent that way let us know.

There will also be meetings with TV producers and such people so that we can pick their brains about the right way of doing things.

Still, I must go and make programmes.

Yours visually,

STOIC

WRITE/DRAW FOR THE NEW STATESMAN.  
See current issue for details of Student Journalists Competition. At bookstalls, newsagents, Fridays 10p.

## NEW STATESMAN

Politics, books, the arts. Edited by Richard Crossman.

STUDENT SUBSCRIPTION: year £4; six months £2.  
Details of college, course, final year, with payment, to NEW STATESMAN, Great Turnstile, WC1V 7HJ.

# ENGINEERING SOCIETY



## PRESIDENTIAL PROFILE

As stated in the last edition of "Felix", the City and Guilds Engineering Society invites an eminent engineer to be President of the Society for each Session. One of the tasks of the President is to address the Society, and it is by way of introduction to this year's Presidential Address, "Invention, Innovation and Design" by Mr. G. B. R. Feilden, CBE, FRS on Tuesday, 19th January (at 1315 in ME220), that this article outlines Mr Feilden's distinguished career.

Born in 1917 and educated at Bedford School and King's College Cambridge, Mr Feilden graduated in 1939. After his "graduate training" with Lever Bros., he quickly became involved with the design, testing and manufacture of Whittle engines for Power Jets Ltd., during the War.

After the War, he moved on to Rushton & Hornsby where he set up the gas turbine department and published a number of papers on gas turbines.

Just twenty years from graduation, he became a Director of Hawker Siddeley Industries Ltd., before moving to the post of Group Technical Director, Davy-Ashmore Ltd. in 1961, where he was directly involved in a number of their subsidiaries. The next stage in his career took him to the British Standards Institution, where he is now Director General.

Throughout his career, Mr. Feilden has had an interest in engineering design and this is demonstrated in the long list of engineering advisory and research committees of which he has been, and still is a member. He became an FRS in 1959, and was Vice-President of the Royal Society from 1967-1969. He was awarded the CBE in 1966.

He says that one of his recreations is 'efficient' car repairs, which might imply that even at the top end of industry, an engineer is still a man who can wield a spanner!

## DINNER FOR EVERYONE

Well, almost! While a student here at I.C. there are very few opportunities to enjoy a reasonably inexpensive formal dinner with a group of friends or associates, and to hear a good after dinner speech. Yes, I know that there are Hall Dinners every Tuesday, but there is no "sense of occasion" to them, and you don't get any speeches. There is also various Balls, but they are expensive.

However, for those of us fortunate enough to be in City and Guilds, there is the Engineering Society Annual Dinner. Here is the golden opportunity to attend a good formal (well, lounge suits) but friendly dinner, which is also an excellent occasion to introduce your wife or girl friend (or vice versa) to your College and friends if you wish, and to meet some members of staff informally. There will also be guests from various Engineering Institutions—if you want to talk about your chosen profession, from the Old Centralians—if you want to see what old students do with themselves, and from other Colleges' Engineering Societies—if you want to see how much better off we are here at I.C.! Even if you just want to savour a Mooney Grade 1 and get quietly merry on sherry, wine, port and beer afterwards then this is the "happening" for you.

We are still negotiating at great lengths with a certain well known public figure to come to speak to us after the dinner, but we are assured of a good after-dinner speech.

So, you come on your own, or bring a friend, or lots of friends. Tickets are available at 30 shillings each (new pence are not necessary as our D-Day—Dinner Day—is on Wednesday, 10th. February), from any Committee Member. It will probably be "first come, first served" so buy your ticket (s) early, and come to enjoy yourself.

# Amnesty International

Amnesty International came into existence as a result of an article in the Observer (London) in May 1961, which drew attention to the increasing number of people imprisoned solely because of their opinions. The fact that Governments frequently camouflaged their political motives by accusing those arrested of criminal charges showed that they were sensitive to public opinion. An international campaign was proposed, not tied to any religious or political grouping, and ready to act as rapidly as possible before the repressive position of governments hardened.

An office was established in London to assemble information about 'prisoners of conscience'; that is those physically prevented by imprisonment, from expressing their opinion, PROVIDED THEY DID NOT ADVOCATE VIOLENCE. Spies or persons working to overthrow their own government were excluded.

The statutes of AMNESTY INTERNATIONAL pledged to support all international movements supporting human rights. More directly, the movement would send investigators to establish if human rights were being violated and would publicize infringements. In addition to group work the movement would make representations to governments and international organizations and send lawyers and observers to trials.

In 1968 additions were made to the statutes; these being two other articles of the Universal Declaration of Human Rights and AMNESTY INTERNATIONAL states its objects shall be to ensure for every person to freely hold and express his convictions and in pursuance of that object secure throughout the world the observance of the provisions of Articles 5, 9, 18 and 19 of the Universal Declaration of Human Rights and irrespective of political considerations to work for the release of and provide assistance to persons who in violation of the aforesaid provisions, as to freedom of opinion, are detained, imprisoned restricted or otherwise subjected to physical coercion by reason of their political,

religious or other conscientiously held belief or by any reason of their ethnic origin provided they have not used or advocated violence.

The movement now consists of 21 National Sections, 700 groups and 1500 individual members. Each of these has a job to do in the AMNESTY INTERNATIONAL work. By becoming a member, your subscription is used to bring some form of relief, be it food, clothes or money, to the families of these prisoners, for it is normally the breadwinner of the family who is imprisoned.

By joining a Group, you become one who helps to obtain the release of the 'prisoner of conscience' entrusted to them. Each group adopts 3 prisoners selected for them by the International Secretariat with special attention to the need for political balance. Groups use direct pressure by writing to Embassies and Ministries of the country involved and indirectly by enlisting the support of Trade Unions, professional associations and, when appropriate, the Press. The Groups also help with the moral welfare of the prisoner and his family.

Members can also join the 'Postcard Campaign' which asks them to send three special cards each month each for an urgent case—prisoners who may be under sentence of death. Cards are sent to authorities from members all over the world, proof of the mounting weight of public opinion.

Finally money is always needed. Prisoners can be released. Their lives can be saved. Their families can be cared for—but it costs money.

AMNESTY INTERNATIONAL needs help. Could you help my forming a group in I.C.? Would you join the 'Postcard Campaign'? Further details can be obtained from AMNESTY INTERNATIONAL, Turnagain Lane, Farringdon Road, London, E.C.4. Anybody interested in forming a group please contact me.

G. Pearn, Civil III

# What's On ?

## Friday 29th January

FILMSOC: Roger (The Trip) Corman's WILD ANGELS; Albert Finney in CHARLIE BUBBLES; S.W.B. Members only, no enrolments at the door, guest tickets sold out. 19.15, Mech Eng 220.

## Monday 1st February

WELLSOC: The case for Airships — to fly, or not to fly? 19.30, Mech Eng 220.

## Tuesday 2nd February

GENERAL STUDIES: The British Ideology by Frank Lea, Four hands on the Keyboard by Dennis Mathews and Brenda McDermott.

## Wednesday 3rd February

FOLK SONG CLUB: Hamish Imlach, Members 3/-, non-members 5/-. 19.30, Union Upper Refectory.

## Thursday 4th February

Incredible WELLSOC film show! THE GREAT RACE; SEVENTH VOYAGE OF SINBAD. 19.30, Mech Eng 220.

GENERAL STUDIES: Art and Science — 4 by Patrick Carpenter. Face to Face by the Rt. Rev. Trevor Huddleston — Bishop of Hackney.

## Monday 8th until 12th February

IC Operatic Soc. presents: PATIENCE by Gilbert and Sullivan in the Concert Hall ICU — 7.30 p.m. Tickets: 4/- and 6/-.

## Every Tuesday and Thursday after 1.00 p.m.

FELIX press meetings: all staff please come early so as not to miss a seat.

**North London's Sex Supermarket?**



**BIRDS & BEES**

16, The Broadway Parade N8

Write NOW for free price list

**THE UNIVERSITY OF WARWICK**

**Business Graduate?**

Increasingly this question will be asked. When planning your own career you will want to consider the possibilities yourself.

The School of Industrial and Business Studies offers twelve month programmes leading to Masters degrees in Management and Business Studies, Management Science and Operational Research or Industrial Relations.

About 90 places will be available in these programmes this year. Applicants, normally in their twenties, should have an honours degree or equivalent professional qualification; two or more years business experience is also an advantage.

Grants are available from the Social Science Research Council and other sources. Some companies also sponsor promising young managers.

Write for details to:  
THE REGISTRAR,  
UNIVERSITY OF WARWICK,  
COVENTRY CV4 7AL.  
stating area of interest and quoting reference M/71/35.

**STUDENT ECONOMY AND CHARTER FLIGHTS**

WEEKLY (DAILY IN SUMMER)  
TO AND FROM NORTH AMERICA  
ONE WAY £40 ROUND TRIP £65  
(OPEN ROUND TRIP £65)  
AND OTHER PARTS OF THE WORLD

★  
EXPO INTERNATIONAL  
81 Cadogan Gardens, London, S.W.3.  
01-584 0064/5

# DECIMAL POINT

'Students who feel that decimalisation has enough publicity without articles in FELIX — rest assured. The article below is not only educational but illustrates how I.C. has been coping and will cope with the big change.'

Monday 15th February 1971 is D-Day in the United Kingdom. All Banks will be closed from the evening of Wednesday 10th February until the 15th morning, in effect for only two working days (11th and 12th). When they reopen, all customers' accounts will have been converted to decimal currency (£p) to the nearest new penny. From 15th February the new coinage (£p) will be available and will be legal tender. The old coinage will remain legal tender for a changeover period not exceeding 18 months.

Members of the College will wish to know what measures are being taken to adapt the College's financial system and to train the staff concerned in £p. Many firms are already expressing their accounts in both £sd and £p.

The College's accounts were converted into £p to the nearest new penny on 1st January 1971. The reason for selecting this date was to enable the accounting machines used in the Finance Office to be converted by the manufacturers during the week of the Christmas closure. As a result the computer returns to be produced in February covering January transactions will be expressed in £p (to the nearest new penny). Payments after 1st January 1971 are being converted into and made in £sd until 15th February 1971.

### Refectories and Bars

A new price list in £p will come into force on 15th February 1971. To obviate unacceptable delays in service the refectory cashiers will accept and give change in £p only. For the first few days change booths will be provided at points convenient to the queues, to enable customers to obtain decimal coins for amounts of less than 1/- in £sd. Bar prices will be reviewed and bottle rates

will be rounded to the nearest shilling.

From 1st January 1971 refectory bills will be rounded to the nearest shilling; it will assist considerably if outstanding bills are paid in £sd before 15th February 1971.

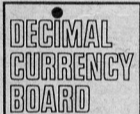
### The Cash Office

The Cash Office will be closed for three days (on Monday, Tuesday and Wednesday, 15th to 17th February), to reconcile the College accounts with the Bank statements in £p. During that period no cash will be accepted or paid; those requiring cash should make provision on or before Friday 12th February. The Salaries and Wages Office will not close.

Supplies of the new two-penny, penny and half-penny have been obtained from the Bank and are available from the Cash Office for instructional purposes.

**The half-penny will not be used in Bank or College accounts.**

The Cash Office will endeavour to answer any queries.



## Banking & Accounting table

Old £sd	New £p	Old £sd	New £p	Old £sd	New £p	Old £sd	New £p	Old £sd	New £p	Old £sd	New £p	Old £sd	New £p	Old £sd	New £p	Old £sd	New £p		
1	0	2/-	10	4/-	20	6/-	30	8/-	40	10/-	50	12/-	60	14/-	70	16/-	80	18/-	90
2	1	2/1	10	4/1	20	6/1	30	8/1	40	10/1	50	12/1	60	14/1	70	16/1	80	18/1	90
3	1	2/2	11	4/2	21	6/2	31	8/2	41	10/2	51	12/2	61	14/2	71	16/2	81	18/2	91
4	2	2/3	11	4/3	21	6/3	31	8/3	41	10/3	51	12/3	61	14/3	71	16/3	81	18/3	91
5	2	2/4	12	4/4	22	6/4	32	8/4	42	10/4	52	12/4	62	14/4	72	16/4	82	18/4	92
6	3	2/5	12	4/5	22	6/5	32	8/5	42	10/5	52	12/5	62	14/5	72	16/5	82	18/5	92
7	3	2/6	13	4/6	23	6/6	33	8/6	43	10/6	53	12/6	63	14/6	73	16/6	83	18/6	93
8	3	2/7	13	4/7	23	6/7	33	8/7	43	10/7	53	12/7	63	14/7	73	16/7	83	18/7	93
9	4	2/8	13	4/8	23	6/8	33	8/8	43	10/8	53	12/8	63	14/8	73	16/8	83	18/8	93
10	4	2/9	14	4/9	24	6/9	34	8/9	44	10/9	54	12/9	64	14/9	74	16/9	84	18/9	94
11	5	2/10	14	4/10	24	6/10	34	8/10	44	10/10	54	12/10	64	14/10	74	16/10	84	18/10	94
12	5	2/11	15	4/11	25	6/11	35	8/11	45	10/11	55	12/11	65	14/11	75	16/11	85	18/11	95
13	5	2/12	15	4/12	25	6/12	35	8/12	45	10/12	55	12/12	65	14/12	75	16/12	85	18/12	95
14	6	2/13	16	4/13	26	6/13	36	8/13	46	10/13	56	12/13	66	14/13	76	16/13	86	18/13	96
15	6	2/14	16	4/14	26	6/14	36	8/14	46	10/14	56	12/14	66	14/14	76	16/14	86	18/14	96
16	7	2/15	17	4/15	27	6/15	37	8/15	47	10/15	57	12/15	67	14/15	77	16/15	87	18/15	97
17	7	2/16	17	4/16	27	6/16	37	8/16	47	10/16	57	12/16	67	14/16	77	16/16	87	18/16	97
18	7	2/17	18	4/17	28	6/17	38	8/17	48	10/17	58	12/17	68	14/17	78	16/17	88	18/17	98
19	8	2/18	18	4/18	28	6/18	38	8/18	48	10/18	58	12/18	68	14/18	78	16/18	88	18/18	98
20	8	2/19	19	4/19	29	6/19	39	8/19	49	10/19	59	12/19	69	14/19	79	16/19	89	18/19	99
21	9	2/20	19	4/20	29	6/20	39	8/20	49	10/20	59	12/20	69	14/20	79	16/20	89	18/20	99
22	9	2/21	20	4/21	30	6/21	40	8/21	50	10/21	60	12/21	70	14/21	80	16/21	90	18/21	100

© Crown copyright 1970. Printed in England by Product Support (Graphics) Limited, Derby. Published by Her Majesty's Stationery Office. Dd 500385. K800. Price 2s 6d (10p) for 10 copies (not sold singly) 8s 0d (40p) for 50 copies 12s 0d (60p) for 100 copies 15s 0d (75p) for 1,000 copies.

**For the next 15 days these young people will live together**



## UNTIL NOW THEY HAD NEVER MET

They have discovered the special excitement of a Villaparties holiday. So could you.

Come and be yourself. Relax in a mediterranean villa with an intimate group of young people (18-30) all intent on having the most enjoyable holiday of their lives.

You can ride, skin dive, dance, waterski, go sailing and then completely relax around a warm friendly beach barbecue. Finish the day with a midnight dip. Find your own romance and excitement in the most exciting holiday of your life. Fill in this coupon to receive your fully detailed colour brochure.

**15 days in Spain Greece or Minorca FULLY INCLUSIVE FROM 32 gns**

Name \_\_\_\_\_

Address \_\_\_\_\_

### VILLAPARTIES

Nuffield House 41-46 Piccadilly London W1V 0HE Tel. 01-748 3000  
Brochure enquiry service. Villaparties, P.O. Box 23, Hertford, Herts.

### MEDITATION

The way to the realization of the Higher Self

**Wednesdays at 7 p.m.**

Guided sessions with practice and discussion at

### The Theosophical Society

50 Gloucester Place, London W1H 3HJ

Meditation leads to greater physical relaxation and emotional control, more harmony in personal relationships and a step forward in spiritual progress.

Other courses at the Society include **Studies in Mysticism**, a **Study of the Mystical Kabbalah** and studies of **The Great Scriptures of the World**.

For further information write or telephone the Society.

## HYDE PARK RELAY

This event attracts several foreign teams and accommodation will be required in Hall rooms on the week-end of 20th February. So if you are going away that week-end could you please ensure that you fill in an absence form in good time so that your room can be used by a foreign visitor. Thanks.

# MORAL RE-ARMAMENT

Three short years at Imperial College and then we must choose a job and set off into the outside world. That is the programme for most of us. But when one looks at the world through the newspapers or television it does not look very inviting. The world is in turmoil.

We, in Moral Re-Armament, believe that if you want to see the world different the best place to start is with yourself. Only a reactionary wants to see the world different without being different himself. Can we protest against corrupt politicians if we cheat in exams? Can we protest against aggressive nations if we are aggressive people? I decided not; so I decided to try to live my life on the basis of absolute moral standards: honesty, purity, unselfishness and love. This meant paying back money and putting things right with

many people including my parents.

Unless we can deal radically and drastically with human nature on a world scale we will change nothing. Rajmohan Gandhi, grandson of Mahatma Gandhi, put it this way: "Could it be true that unless with God's help we war with our natures, we are destined to war with one another".

## In Assam

Nothing makes me more impatient than people who air their fine theories without any grounding in fact and experience, so I hasten to add that I had seen a great deal of evidence of the effectiveness of the ideology of M.R.A. at work in the world before I decided to try it. In the past year, the most striking example, to my mind, has been the remarkable settlement brought

to Assam, the vulnerable state of N.E. India. After unrest lasting sixteen years amongst the hill-people of Assam, who wanted an autonomous state, a political solution has been found. The newspapers were predicting a second Vietnam situation, but in 1968 the General Secretary of the All-Party Hill Leaders' Conference, Stanley Nicholls-Roy visited Panchgani, an M.R.A. centre near Bombay, with a delegation from the Assam Hills. He said: "My visit to Panchgani convinced me that M.R.A. is the ideology to bring sanity and peace to India's troubled north-East and to help it play its rightful part in Asia and the world". In the next two years Nicholls-Roy and Assam Chief Minister Chaliha invited two large M.R.A. forces to Assam, including "Anything to Declare" a musical review which started in Europe and has toured Asia and

Australasia. Chaliha later said: "M.R.A. has transformed the climate of Assam. That is a fact. I speak as an administrator". The result of this transformation was the formation of a new autonomous state, Meghalaya, which was inaugurated by Prime Minister, Indira Gandhi in April 1970. The "Indian Express" wrote: "The birth of Meghalaya (Abode of the Clouds) seems to have generated a climate of good-will which few could have believed possible even a few months ago".

## Effectiveness

To be an effective ideological force requires more than absolute standards — it requires strategy. I believe that the world is so complex that only one force is big enough and wise enough to fully understand it — God. The secret that many have forgotten is that God can speak to us. Definite, accurate, adequate information can come from the mind of God to the mind of man. To me it was a thrilling idea that God has a plan for each person, each country and the world. Many people do not believe in God but that does not prevent them from taking a simple decision to listen and to obey. If nothing comes they have lost nothing. If God puts a thought into their minds they are launched on an effective and revolutionary road which can drastically affect the course of history. Whatever I do when I leave Imperial I want it to be relevant to the needs of society.

## CARNIVAL WALK

In the aftermath of the Carnival Walk some £60 has still to be paid in. The following people owe money: — I. Bennett, I. Carr, P. Clarke, A. Gerrard, I. Harris, M. Hollings, P. Lonnen, R. Phillips, M. Whitman, and C. Williams, with sums ranging from 2/2 to £15/9/10.

Please pay your money in immediately in the form of a cheque made payable to "Imperial College Carnival Account" and hand in to the Union Office or to the Linstead Hall porter. Please pay in the full amount — if you have difficulty collecting the money then come and see me with your walk form and if we can't collect the money for you we will refund the difference.

Ta

Mclooge

# WHY HAVE EXAMS?

## Introduction

Exams act as straightjackets on our education, like best eggs we are selected and graded. Exams should not be ends in themselves, but a means of measuring certain previously agreed factors/teaching/learning aids. The aims of a course need to be defined before its success can be ascertained.

## Aims of a course

Very few Departments state, or perhaps have even thought of the philosophy behind their courses. When they were asked to discuss with freshers the ideas and philosophy of the courses few did so, hence another group of students have embarked on a degree with little guidance or understanding. Although aims necessarily vary from department to department, it would seem reasonable that they should be to develop:

- 1 The student's interest.
- 2 An understanding of the subject and a theoretical basis so new problems can be thought through (critical awareness).
- 3 A critical approach to 'conventional' wisdom.
- 4 The relationship between a subject and related fields and society.

Most of course, achieve just the opposite! Students are fed on facts and expected to regurgitate them in three hours, once a year, yet today facts are often soon outdated.

## The present exam system

Most defenders of the present standard examination would define their aims as testing achievement, providing a basis for future selection, consolidating learning, providing feedback, testing ability to stand up to stress.

If you look at these criteria few stand up to investigation. Traditional exams have proved to be unreliable — different marks; the same examiner giving slightly different marks to the same script at different times. Again we must ask what this type of assessment is supposed to test, apart from memory and endurance — hardly understanding, rather conformity to a taught course perspective. What feedback is there when students never see their assessed papers?

Wastage (i.e. the guy who dropped out last year) is usually a result of examination failure — is it really a learning failure? — why not a staff or institution failure in the teaching, or in the course — why are all the flaws in the student, instead of the system. It has been shown that there is little relationship between performance now (i.e. the grade, or even possession of your degree) and performance in later life. Many employers ask only that you graduate. A 'good' degree implies little except that you can stand a lot of strain and produce programmed information in the required order slightly better than your colleagues. It is likely that exams cannot and do not test the qualities, either employers or research institutes seek.

## Aims of assessment

Although it is the traditional exam which is mainly attacked above — there are many other forms of assessment — objective (!) tests, open book, oral, delayed time test, continuous assessment, dissertation — all with advantages and disadvantages. The prime consideration should be to find the most appropriate assessment methods for particular stated aims — and this is for both staff and students to establish. An important reason for retaining exams, from the University point of view, is their function as a means of controlling students — exams are a constant threat overshadowing education.

## Possible reforms

- 1 there should be automatic re-sits
- 2 each student should be assessed by several examiners (including external markers) to maximise accuracy and impartiality.
- 3 The marking criteria should be publicised and (so students know just what the situation is — no mysteries, and open to consideration by the students. Staff and Students together should formulate the assessment system.
- 4 Better timing of exams.
- 5 All types of assessment should be investigated and used.
- 6 Better explanation of the existing appeal procedure.

A student is involved in a course in order to develop and express his understanding and assessment of himself and of his course. Just as staff and students should decide the content of courses, so they should define the principles of their assessment.

As long as the examination system retains its stranglehold, education will be a secondary consideration.

## ENGINEERS & SCIENTISTS



## Cartoonists are lovely people — but they've got it all wrong about Patent Examiners.

As a Patent Examiner you won't find a row of peculiar people sitting outside your office with their even more peculiar inventions. Though you do get the 1% nut cases, the other 99% of claimants are clever, well balanced — mostly they are representatives of major companies or their Patent Agents, making genuine applications for a grant of a patent on all manner of systems and appliances.

It's a fascinating and, more often than not, highly technical business. You must study specifications and drawings, and discuss them with the claimants or their professional advisers. It's a job that demands an incisive mind, quick to perceive the basic originality of an idea. Almost always it calls for some kind of engineering or scientific knowledge.

That's why you should have, or expect to obtain, a 1st or 2nd class honours degree or an equivalent, such as Corporate Membership of I.Mech.E. or I.E.E.

The salary scale for a Patent Examiner is £1,287-£2,828 (you could start above the minimum). After about 10 years, you should be promoted to Senior Examiner, where your salary rises to well over £4,000. You enjoy more than 4 weeks' holiday, and there's a generous non-contributory pension.

If you are aged under 29 on 31st December 1971, write or telephone for an application form and to arrange to pay us a visit and see for yourself what a Patent Examiner does. (Application forms to be returned by 1st March 1971.)



Mr. C. U. P. Smith, The Patent Office,  
25 Southampton Buildings,  
London WC2A 1AY.  
Telephone: 01-405 8721 ext. 3.

# SPORTS FELIX

## Scoring Spree for 1st XV

In the 2 games played so far this term, the 1st XV have scored 57 points with 3 against, the scores being registered against City University (16-3) and South Bank Polytechnic (41-nil).

In the former game rather an unfortunate incident occurred when one of the I.C. back row was sent off the field by the referee (who happened to be a lecturer at City University) for allegedly punching the opposing captain. Interviewing the offender afterwards revealed that the facts were incorrect — the punch having missed! City provided reasonable opposition to a slightly unfit I.C. team re-

turning after a festive Christmas vac. — several of the team 'flaking' rather noticeably towards the end of the game, (especially those in positions of authority?). The points were scored from tries by Adams and Harrison (via the post), one of which was converted by full back Pudney. He also kicked a penalty after Alan James had dropped a fine goal.

With the recent crisis in the club over a change in captaincy a few changes were made for the game against South Bank Polytechnic. Unfortunately, the opposition were too weak to enable effective study of

certain players except perhaps a too familiar figure in the S.B. front row! The scorers are too numerous to mention individually but even both props trundled over from some of James' 'fair-like' breaks! An injury to No. 8 Icely may keep him out of the next cup game to be played against Royal Free Hospital on Wed. 27 January.

At this stage of the season the record against college sides is quite imposing — only one out of 11 games being lost, 284 pts scored for the club and 37 pts against. A pity the Saturday record against club sides is not so impressive.

## I.C. Hockey shows good form



### IC 1st XI

I.C. got off to a good start, scoring two goals in five minutes. After this they never looked like conceding a goal, but scored at regular intervals. The standard of play was fairly high and I.C. looked strong on all parts of the field, especially on the wings. As for the defence, I.C. have only conceded 4 goals against Colleges this season which speaks for itself.

### IC 6, UC 0

In the first game of the term, an unfit I.C. team

managed to pulverise U.C. I.C. were far superior in all parts of the game and a mention must be given to Ron Palmer and Mark Tatchell, who played extremely well.

### IC 1, Burnt Ash 1

This game again proved that club sides are a great deal stronger than college opposition, but I.C. stuck to their job well, and although conceding a goal ten minutes from time, managed to equalise through right-half Alistair Forbes.

P	Won	Drawn	Lost	For	Against
19	14	2	3	49	12

## Dinghy on Ice

Ask any layman and he would undoubtedly be of the opinion that the dinghy sailor was a hibernating animal who ventured out onto the water in late spring but spent the winter in the boat-house with a lot of wet varnish. Not so the Imperial College breed. It'll take more than a touch of frost to stop him and the possibility of a swim in the icy waters merely 'adds to the fun' and definitely sharpens up the concentration. Of course, the occasional passing iceberg provides an excellent means of stopping the opposition and nobody would argue that you can't tell where the wind's coming from in a raging blizzard! You may think that there are less energetic ways of getting a cold shower but hanging over the side of one of these hairy dinghy machines is certainly tops for excitement.

As in past years, the standard of performance among I.C. helms is extremely high and with five out of six in the U.L. 1st team regularly coming from their ranks, this is no idle boast. I.C. sailors recently figured well in the first round of the British Universities Trials for a team to tour the States in the summer and three out of the ten qualifiers viz Nick Martin, Pete Claydon and Alan Curran were from the home club. There's no doubt that reservoir sailing, even in a place like NEASDEN in the middle of win-

ter, attracts a good deal of top class competition.

With the possibility of warmer weather just around the corner, one begins to think of offshore cruising and what better way of getting away from work and the polluted London atmosphere than to take a trip on board the college cruiser. You'll find a weekend pulling on ropes and breathing salty Solent air will make a pint of beer taste pretty good.

As various club captains try to whip up enthusiasm for their forthcoming cup games, a recent event must be mentioned which caused enormous concern in one particularly vociferous section of I.C. It finally culminated in over 50 people hiring a coach for a weekend to Cardiff — the official reason being given as the annual Wales v England game in the Home Counties rugby union championship. Needless to add Wales won yet again but even the English members of the party weren't grumbling by 10 o'clock on Saturday night! What this has to do with I.C. sport is not immediately clear but when one looks at the lack of articles on Sports Page this week the glimmerings of an answer appear.

Looking ahead somewhat, we turn to what may become a very controversial subject — I.C. Sports Day. This is held at Motspur Park when the 3 colleges compete against each other for the President's Cup. Over the years one has noticed the decline in popularity of this important event in the sporting calendar of the college. Last year's seems to have been rather poorly organised and some people are asking for a change of venue to Harlington and a change of day to Wednesday. Various problems arise here since the standard of the athletics will obviously suffer on a non-cinder track and also that Motspur would be unavailable on a Wednesday. Let us hope that A.C.C. will be able to settle the problem satisfactorily.

## Clean Sweep for Soccer Club

I.C. entertained Kent University on Wed. 20 January, in a block fixture for the first four teams. The games were delayed till 4.0 p.m. due to Kent's late arrival.

The 1st XI played some very good football. They were obviously a much superior side to the Kent 1st XI. I.C. went ahead in the first half through Darley who scored a very neat goal from fullback Paul Worthington's corner. In the 2nd half I.C. let midfield slip and were put under pressure, Kent's equalising goal however came from a mistake by goalkeeper Bakewell, he stubbed his toe and presented the Kent centre-

forward with an easy goal. The 2nd team had no trouble, they trounced their Kent counterparts 7-0, with Tony Richards playing a dominant part in the goal scoring. The 2nds defence looked very much in command with old timers Wideliski and Mcardle proving too experienced for the Kent forwards.

The 3rds had a more strenuous game, only just winning by 2-1.

The 4ths also won by the convincing score of 7-3, the Kent goals only came after I.C. were reduced to 9 men, M. Hannan was booted on the nose and had to leave

the field and Kevin Eustace very sportingly left the field before the end in order to catch the first coach.

Are you interested in

books by:—

- Joseph **H**eller
- Edward **A**lbee
- John **L**e Carre
- Ronald **D**ahl
- John **A**rden
- Harold **N**icholson
- Gavin **E**wart

Get them from the

**Haldane Library**

Level 2, Library Block  
Open Mon. to Fri. 10—5.30

## LAMLEY'S

A  
M  
L  
E  
Y  
,

for your—

- BOOKS
- ART MATERIALS
- PAPER BACKS
- STATIONERY

\*

1 EXHIBITION ROAD, S.W.7

ALL CONTRIBUTIONS TO SPORTS PAGE FOR NEXT ISSUE IN TO FALMOUTH 248 BY 3rd FEBRUARY.

**Carnival Week February 12th to 20th**

The long awaited extravaganza is due to hit I.C. in a fortnight's time. The idea, brilliant, revolutionary and mind-bending though it is, is not original and was first used by Ted Heath not so long ago when he conned a majority in the House of Commons.

Do you want to see,

1. Emerson, Lake and Palmer in the Great Hall?
2. Stones revival concert at the Royal Albert Hall?
3. Monty Python live at I.C.????
4. Arts Festival with poetry/music/films and plays?
5. All lectures cancelled for a week????
6. Judith's underwear?

Obviously you want all of these things and would pity anybody who tried to organize (or get) them. The above events would take a cool £5,000, and £2,000 for the last two. Carnival week doesn't have any big-name concerts or "non-return" events. After discarding the original idea of having a conventional rag week a fun dedicated intelligentsia, after hours of painstaking market research using an IBM 7094 computer and Aristo 12in. slide rule, came up with the brilliant idea of setting aside a particular week in this term to collect as much money as possible with the least organization and expenditure. Carnival Week is the result, I.C.'s answer to the Coronation, Eisteddfodddd and Neasdon Parish Hall Fete.

The total expenditure for the week is about £100, (except for I.C. Ents do and R.C.S. Carnival—which are events in themselves). We hope to realise £2,000. That may sound unrealistic but if EVERY year in each dept. does its bit, organizing a collection during this week, we'll not only break all previous records by the end of the year but will help the Westminster Council of Social Services to:

- (a) Build an adventure playground,
- (b) Provide a Citizens' Advice Bureau,
- (c) Provide transport/outings/recreational facilities for people who are living under hardship.

So you don't agree with Charity and the way it is collected. WELL IT IS NEEDED (take a short tube journey to Paddington and see). WE CAN PROVIDE IT. It doesn't take much to organize your year. Collections can be great fun if there's a stunt or "twist" involved. From playing marbles in Ken. High St. to a sponsored swim in Trafalgar Square . . . DO SOMETHING—ANYTHING. Fines of up to £100 payable by Carnival.

**SUPPORT CARNIVAL—ORGANIZE—FEBRUARY 12th—20th.**

**WHAT'S HAPPENING?**

**Collections:** All you need to do when you've thought of a way of dragging your year out is to see one of the know-

**GENERAL STS**

Originally this was to be an attempt to inform the apathetic masses about General studies lectures, but recently I have found myself squashed into the corners of crowded lecture theatres, so I will concentrate on pointing out what is happening Tuesday/Thursday lunchtimes this term. Mainstays of the programme are series of talks by Patrick Carpenter (art), Patric Dickinson (poetry), and Frank Lea (philosophy), plus one-day stands by, inter alia, Trevor Huddleston (religion), Robert Thorne (architecture), and Derek Wright (sex).

If you are fired with enthusiasm on reading this (don't turn over the page until the lecturer turns to the blackboard) you will be just in time to catch the third of Patrick Carpenter's "Art and Science" series. Mr. Carpenter has been visiting Physics Lecture Theatre for several years, and has built up quite a following—arrive early for the best seats.

Patric Dickinson, poet and playwright, has chalked up quite a tally of books and broadcasts since the war, and intends in his talks to deal with poetry in four categories, titled T. S. Eliot/Childrens/John Betjeman/Underground. For deep thinkers, Frank Lea, of Elec Eng, will this year deal with the thoughts of the British philosophers.

If, like myself, you wish you could understand Classical Music, I can recommend the last of the series by Denis Matthews and Brenda McDermott, to be given next Tuesday. Mr. Matthews punctuates his extracts from four-hand piano works with lucid technical explanations and anecdotes, making up a very listenable whole. Other musical items are a Question Period with Colin Davis, well-known as conductor of the "Proms", and now musical director of Covent Garden Opera, plus a two-part talk on "Tristan and Isolde" by the amazing Else Mayer-Lismann (and her piano).

On a critical note, I know that MechE 342 is the only lecture-theatre with a piano, or vice versa, but it is very subject to extraneous noises off from the heating system, falling scaffolding, etc. which must distract both performers and audience. If any of these events sound interesting—don't be put off; refuse cups of coffee, ignore union meetings (about diversification), even put away your problem sheets. Let's make this Mr. McDowell's boom year!

**CHARLIE HULME.**

**CARNIVAL LIVES**

ledgeable people below who will set you up with tins and licences, etc. (We've just got another 1,000 licences—brand new and legal.)

**Mascots:** Any from other colleges will be most gratefully received by Carnival. Try University College's amazing Post Office Tower. "Jelly" provided.

**Lyceum All-nighter:** Zero expense on our part—just a gesture of goodwill by Mecca Ltd. Tickets 15/-. We get 10%. On sale NOW.

**Five Capitals Hitch-hike:** Starting from Euston station at 8 a.m. Details later—raffle tickets on sale at 1/- each to guess the time taken by the winning team. Imperial College v. King's v University College. The winning team takes 50% of the net raffle profits.

**Fete:** Saturday afternoon. Clubs and societies, halls of residence and years needed to run stalls. Contact Carnival Fete Committee.

**THE PLAN**

**Sunday, Feb. 7th, 6 a.m.** Boat Club (well-supported by Chem Eng members) sponsored row from Reading to Putney. 70 miles. Help needed, to dig eight graves.

**Friday, Feb. 12th.** Five Capitals Hitch-hike, Lyceum all-nighter. **Saturday, Feb. 13th.** Oxford Street Stunt; proposed Rag Rally. I.C. Ents "Every Which Way"—Union.

**Sunday, Feb. 14th.** Mixed Rugby, Hyde Park 3 p.m. "Lecturing"/Collecting at Speakers Corner. St. Valentine's Disco.

**Monday, Feb. 15th.** Tube Collections, all station. Details later. **Tuesday, Feb. 16th.** Mop-soc Disco—JCR College Block, Disco "T".

**Wednesday, Feb. 17th.** Carnival XI versus Met. Police at Wormwood Scrubs—BBC TV Coverage. Drink-a-pub-dry (evening).

**Thursday, Feb. 18th.** C & G Carnival Revue—stripper. **Friday, Feb. 19th.** "Bacchanalia", RCS Carnival and "fancy dress".

**Saturday, Feb. 20th.** Fete in Princes Gardens and Linstead Hall. I.C. Ents "Uriah Heap"—Union.

**Sunday, Feb. 21st.** +£2,000. **COLLECT!!!—2 barrels of best Tartan** to the year who collects the most during the week (or cash equivalent).

HELP is needed in every conceivable form. Anyone who wants to do/organise anything should contact any of the celebrities below. Specific help is required for the Fete, Stunts, C & G Revue (sketches) and to preserve my vanity. We also intend breaking a dozen or so Guinness records this week and at the Fete. Anybody proficient in the following fields should contact Rob Mullion, Keogh 278.

Car-cramming (34 in a VW). Hitch-hiking (John o'Groats—Land's End in 18 1/2 hours). Post box (26 people on a double, oval, pillar box). Shower bathing (168 hours). Beer! 2 pints 6.4 secs, 1 pint 2.34 secs, 2 pint yard 6 secs, 3 pint yard 12.4 secs. Nosh: 10 steak and kidney pies (one after t'other), 2 pints of milk in 13.3 secs, crisps 30 bags in 29 mins 50 sec, sausages 25 x 2 oz. in 4 mins 37 secs, spaghetti—not attempted/Mooney plateful.

**THE STORY SO FAR**

Carnival is healthy with about £2,000. Another £300 was made on the RCA dance last term. The total could have been much higher with PARTICIPATION. HELP CARNIVAL, ONE WEEK.

**FUTURE EVENTS**

The traditional multi-thousand ticket raffle will be drawn after Easter with big cash prizes and an even bigger illegal profit.

Rag-Mag originally scheduled for Carnival week could not come out due to power cuts, the Tory government, the "Gryg" effect (a delayed reaction) and the Neasdon Riots. "Tonic will be out before Easter but oodles of help is still required for layout, typing and general artistry. All potential advertisers gratefully received (no porn please). Contact R. Gryg, 411 Garden.

**PEOPLE TO SEE**

Dennis Taylor—co-ordinator—Linstead 416; Sue Bonell—Secretary—Beit 107; Rob Molton—Treasurer—Keogh 288; Rob Mullion—Stunts—Keogh 278; Rich Gryg—"Tonic"—Garden 411; Steve Mantly—Publicity Geology 3; Steve Bugg—5 Capitals—Geology 3; Scruff Thomas—C&G—Tizard 438; Blind Mick—RSM—Selkirk 688; Nick "Boy Wonder" Wilkinson—RCS—Tizard 522; Lynne Beyon—ICWA—Beit 89; John Cantle—Fete—Chem PG.

Carnival Committee meetings 6.30 p.m., Tuesdays, Comm Room A, Union Lower Lounge. Bring ideas, offers of help and yourselves. The above personalities will receive advice free of charge.



Above: Amazing Carnival Feet . . .

**UNIVERSITY OF SURREY**

Applications are invited for a Research Studentship in connection with a programme of research in teaching and learning in university science courses. Candidates should have a good honours degree in a science subject, and some experience in education is desirable, although not essential. The studentship is of value £550 p.a., initially for two years and may be increased through dependents' allowances, postgraduate experience allowance or older students allowance. Students are permitted to earn an additional £100. The successful candidate will be expected to register for M.Phil. or Ph.D. Applications by February 22 to Professor L. R. B. Elton, I.E.T., University of Surrey, Guildford, Surrey, from whom further particulars and application forms can be obtained.

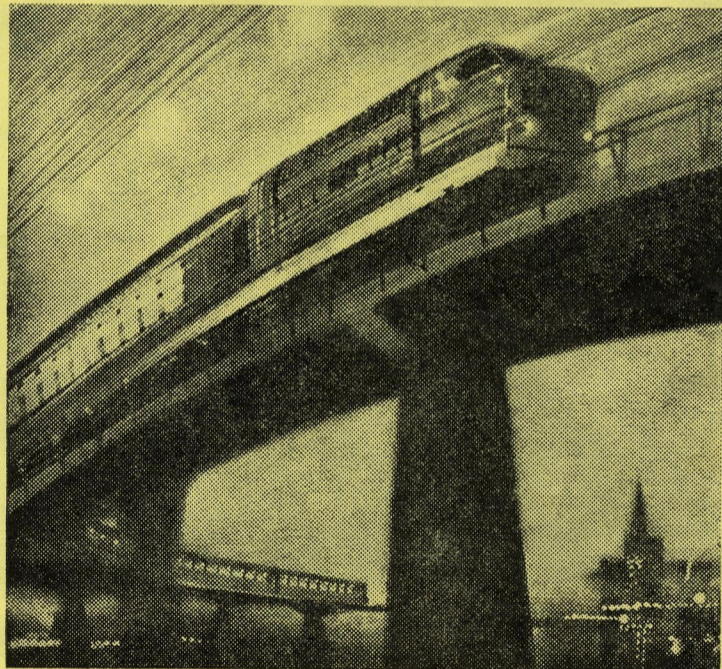
**U.S.A.**  
Are you interested in North America?  
Join **UNIVERSITY STUDENTS ABROAD**  
International House,  
40 Shaftesbury Avenue,  
London, W.1.  
Telephone 01-437 5374

**NEW Unissued Belgian Air Force COATS**

Unbelievable value. New and unissued in good quality Blue/Grey material MIDI or MAXI length. Beautifully tailored, fitted waist, half back belt. Models for both Men and Women. Only £5 each post paid.

**ONLY £5 POST PAID**

**CHABGLEN LTD.**  
(Dept. FEL)  
36 Cromwell Road, Luton, Beds.

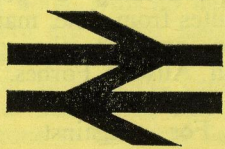


**Clearway to Management with British Rail**

"Every major firm will follow this lead" predicts Monty Meth, Daily Mail Industrial Correspondent, describing the British Railways Board's search for young high flyers to manage the railways of the future.

If you think you measure up to the challenge of the 70's — the era of the Advanced Passenger Train — with British Rail, find out about the management opportunities for graduates in the Traffic, Engineering, Finance, and Estates departments, and in the fields of Planning and Marketing, Operational Research and Data Processing.

Ask the Secretary of your University Appointments Board for booklets describing the opportunities and have a talk with the railway representative when he visits your university, or write direct to: **The Principal Management Recruitment Officer, British Railways Board, Royal London House, 22-25 Finsbury Square, London EC2 P2BQ.**







# FELICITY



The **FELIX** Late News Supplement

JAN 28TH 1971

## CARNIVAL NEWS - AGAIN

LYCEUM:- now including Keef Hartley Band with Audience, Jackson Heights Every Which Way - " due to government interference."

5 CAPITALS HIKE:- Kings drawn out- now I.C. v Q.M.C. v U.C. BUY TICKETS- SELL TICKETS - 1/- each to guess the time of the first person back. Carnival taking over Euston station on Friday Feb 12th at 8.00a.m. Two more people for hitch needed- drop a note to Carnival, I.C.U. office, by Feb 1st.

D-DAY- by arrangement with the treasury, this is in the middle of Carnival Week to add to the confusion. Inp= 10p we think. CARNIVAL HAS £2,000.

WANTED sketches for Guilds revue, see Scruff.

WANTED stalls for fete ( to be filmed ) + high diving act + STRIPPER C&G MOTOR CLUB are having a Carnival Motorised Treasure Hunt- with big

Imperial College Carnival  
present

KEEF HARTLEY BAND  
AUDIENCE  
JACKSON HEIGHTS  
EVERY WHICH WAY

At the Lyceum, Strand. 12pm - 6am  
Bar till 4am.

Tickets 15/- in advance, I.C. cloakroom, or see to Carnival, Imperial College, or direct from Lyceum, Wellington St, Strand, WC2

## CARNIVAL FETE

Prince's Gardens, S.W.7

Sat. Feb. 20th, 3pm

WANTED - Stalls, Help, Cast-offs for bring and buy, old lecture notes, 3rd class Aero Eng degrees, etc. etc.

Contact: Dennis Taylor or John Cantle, ICU Office.

J star petrol prize, Sunday Feb 14th.

FEIE- Feb 20th in Prince's Gardens, Linstead bar extension all afternoon  
BLIND MICK has lost his underpants (the leather ones) - to be raffled  
in Carnival week.

WANTED- members of Flysoc and "Spiderman" fanatics to help Caving Club  
"do" Queens Tower with a difference - on the outside!

#### SMALL ADVERTISEMENT

Help! Audiophile earnestly desires to BORROW 2 speakers for about 5  
weeks. Damage out of the question. Contact

Rob Armitage, Linstead 413

And now a short play:-

Knock! Knock!

Resident of Southside: Come in.

Person: Morning, can I inspect your bolts please

R of S/S: My what?

Person: The bolts what hold the facing stones outside, lad. Lots of  
trouble with bits dropping off, you know.

R of S/S: Oh! Really? Go ahead then.

Person takes out large hammer from tool bag and proceeds to knock  
hole in wall. Room fills with dust and plaster.

R of S/S:(coughing) I didn't realise you were going to do that.

Person: Don't worry, someone'll come and clean it up. I'm going to bash  
my way through from next door.

R of S/S: Why? You can see the bolt perfectly well from here!

Person: Sure, but we've got instructions to do it from both sides, it  
ain't got nothing to do with me.

Unfortunately - apart from slight errors in the dialogue - this is a  
true story. With nearly 400 rooms in Southside there would be an awful  
lot of wasted holes. All that dust and plaster floating about would  
build the first room in Northside. Or was that person, disguised as a  
maintenance man, really an outside student trying to break the World  
Wall Bashing Record. Hmmm!

Arnold Neasdon Esq.

#### DENTAL SERVICES

Routine Dental care can be obtained through the National Health Service,  
and the following 2 dentists, who have Consulting Rooms in the near  
neighbourhood, have expressed willingness to provide treatment to any  
College Student. APPOINTMENTS SHOULD BE MADE BY TELEPHONE.

MRS E.G. ROSE? L.D.S., R.C.S.

20 Hereford Squ.s.w.7. Tel 373 8610

Mon to Fri 9.30am to 6pm.

Sat. 9.30am to 1am.

MR F.A. KINGSLEY? B.D.S. LDS, RGS

12 Thurloe St, SW7. Tel 584 6421

Mon to Thurs 9.30am to 5.30pm

Friday 9.30am to 1pm.

In the event of an emergency, such as accidents or abscesses, treatment  
can also be obtained from University College Hospital, Accident Service,  
Grafton Way, WCL.

Rumours that Uncle Bill is going decimal have been emphatically denied.  
Currency speculators are wondering if one new Rector will be worth 2.4  
old Rectors.

FELICITY: Edited and produced by Mike Yates with Dave Sugden on piano.  
Published by the Editor on behalf of I.C. Publications Board.