

**FIRST
DAY
SPECIAL**

FELIX

6^{D.}

IMPERIAL COLLEGE UNION No. 280

29th SEPTEMBER, 1969

Helen Aims High 3W1 Hits College



A smile from Helen as the first Banker's Order is signed

Last February five Oxford students formed an organisation known as 3W1-Third World First. Within 21 days this organisation had encouraged 1000 students to sign bankers orders to contribute one, two, or three per cent of their incomes towards the alleviation of world poverty. By the summer the movement had spread with equal success to 2 other universities. Now 3W1 is starting up at IC, where pretty Helen Lewis-Jones aims to sign up 10% of IC students.

A vivacious blonde, Helen graduated from Edinburgh last session and is now employed by 3W1, who realised that full-time workers would be needed to maintain the momentum gathered last session.

In an exclusive interview with Felix—see back page—Helen told our reporter that the average human being is approximately 18 years old, is illiterate, has a life expectancy of 34 years, and exists on insufficient food. The increase in expenditure on tobacco and drink in the past 2 years is, according to a

V.C.O.A.D. pamphlet, greater than the total amount of grant aid sent each year to the developing countries.

Helen believes the solution to these enormous problems does not lie in the emotional response of collecting tins or pictures of swollen-bellied children, but involves a rational decision of commitment and education. This is why 3W1 concentrates on the use of Banker's Orders and will circulate, to those who sign, an information dossier on the subject.

Helen told a small planning group of leading IC students that although backed by Oxfam, students could choose the agency they preferred (e.g. Christian Aid, War on Want, etc.) and the scheme and country to whom they wished to give. After the meeting, several Banker's Orders were signed.

Wearing the prettiest of mini-dresses and a red PVC mac, Helen promised to return today and will also speak at a meeting tomorrow (Tuesday) in the Union Top Refec at 1 p.m.

Now turn to the back page for an exclusive FELIX interview with Helen Lewis-Jones.

Engagement Threatened

The long and protracted negotiations which could bring the Architectural Association into IC as the fourth constituent college, have been moving comparatively swiftly during the vacation.

Since the allocation of the site in Jay Mews, near the RCA, for the use of the AA by the University Grants Committee (acting as the "marriage-broker") the AA has been trying to find half a million pounds to finance the move from its present cramped site. During the vacation the UGC offered to match the AA pound for pound in their fund-raising now that the AA have collected over £180,000. However, the AA is showing considerable reluctance to join on IC's terms, and at present IC's Secretary Micky Davies and Rector Lord Penney do not seem keen to compromise.

Contacts between AA and IC students have brought sympathy for the AA point of view. At present the Association is highly independent—it is led by meetings of the school community, consisting of lecturers, students, and all types of staff. There are no written exams, most work is project work, and there are no permanent academic staff, and only the principal stays

for more than 2 years. The present lecturers are architects from businesses who come in and out, thus preventing ideas from fossilising. If the AA joins IC all this will, according to our Rector, have to go. The school will be governed by our BoG, their staff will have to include at least 10 permanent members, recognised as teachers by the University of London, and the inflexible course unit and exam systems will be imposed. Above all it is difficult to see how the real sense of the academic community, both in terms of study and control, could be preserved.

Lord Penney is reported to have told AA Principal John Lloyd in public that the University was responsible for the strict terms of the merger. The UGC's offer of money is, in fact, conditional upon the merger taking place. Given all this, the AA students say it is not worthwhile joining, in contrast to the IC students, who would welcome their creative influence. However, informed opinion now suggests that that Lord Penney and the Governors will not be too disappointed if the move breaks down altogether.

Blow to Participation Hopes

In a midsummer letter to new Union President Corbyn, Lord Penney, the Rector of the College, informed the Union that it could have 3 observers on the Governing Body, but said little else to encourage hope of full Union representation on important College bodies at an early date. In particular, the observers on the Governing Body will be subject to strict conditions and the Board of Studies has completely rejected proposals for regular Union observers at its meetings. Corbyn is known to regard the letter as most disappointing.

The infamous JURGO (the

joint committee of the Union and Governors) is to be reshaped so it may better fulfil its liaison function. The membership will consist of 10 mandated student representatives, 3 Governors, the Rector, Pro-Rector, Deans of the Constituent Colleges, Secretary, 4 elected non-professorial staff, and one Warden. The new JURGO meets on 17th November.

ICU Council will be allowed its three observers on the Governing Body for an experimental period of 2 years, provided the meetings are treated as confidential. However, it is unlikely the Union will agree to the Rec-

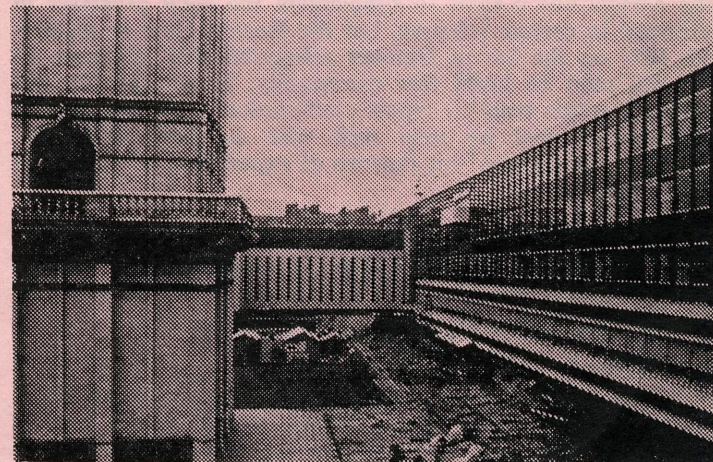
tor's suggestion that the observers must not be mandatable, or that they should be excluded from meetings discussing staff appointments, selection of courses, or determination of academic standards. First Union reactions are that these are areas of vital interest to students, and that the threatened exclusions make a mockery of the kind of real participation the Union is seeking.

The Governors have delayed a decision on the Union request for observers on the Finance and Executive Committee of the BoG, regarded as one of the major centres of power, until Lord Sher-

field, their chairman, returns from hospital.

However, the major blow to student hopes comes in the decision of the Board of Studies not to invite students observers except on specific occasions. This is almost certain to prove unsatisfactory to the Union as the major anxiety of those advocating participation was to broaden courses, reform methods of assessment, and generally to discuss important academic matters.

The subject matter of the Rector's letter is certain to be raised at the first IC Council meeting, and probably at the first Union Meeting.



College Block

Above is a view of the new College Block, parts of which are now coming into use.

See back page for further

picture and news, and page 6 for a guided tour of the new building by Carl Seaford, the Domestic Bursar.

COMMENT

For the thirty-second time today — "Welcome", and welcome back to our regular readers. Welcome to Imperial College, part of the University of London. It is not, at present, our concern to talk about the University of London, for that great lumbering dinosaur needs an obituary rather than an editorial, but to talk about I.C. as a University college. What, we may ask, distinguishes a University college? The long forgotten Robbins' report set forth four aims of a University. These are worthy of attention if only because a member of that committee was I.C.'s late Rector, Sir Patrick Linstead, and because at I.C., at least, the money has been more plentifully available than in many other institutions.

Robbins' Aims

Robbins said a University should educate, should train, should advance knowledge and should transmit culture. We have looked at these aims in relation to I.C. elsewhere, in 'I.C. Socialist', the 'Anti-Handbook', but to do so again, however briefly, might be instructive.

This year should see the climax of a mounting campaign by I.C. students to prevent the complete obliteration of the first aim by the second. Linked as I.C. is to industry, the temptation to put on narrow courses with the intention of training specialists has long proved irresistible to I.C.'s Board of Studies. This is what makes the Board's refusal to allow student observers on a regular basis so disappointing. As Freshers will rapidly discover there is a real need to provide an education which will broaden the mind; to, in the classic phrase, "prepare the whole man for the whole life". This is what is meant by the student campaign to broaden courses, but as several of I.C.'s leading academics, including Lord Jackson, the Pro-Rector, realise I.C.'s specialism is failing even the Philistines of industry, whose need is for generalists rather than specialists. There is a need too to educate students to have a critical mind, so that they can continuously re-educate themselves in future years, and to participate in a co-adult community—but we will return to this theme.

Undergraduate freshers will soon discover the role that research plays in this college. It is a predominant one, some would say an almost exclusive one. Far from the aim that Universities should push back the boundaries of knowledge as it is, only by living in a live research environment can the teaching aspect of the college best flourish. However, freshers will be slower to discover the culture which I.C. is transmitting. Of course, the college has an ethos, but this ethos often falls far behind what can be termed cultural. Let us seek to build a community which has a real culture, where scientific integrity will flourish no matter what industry may say, and the many world cultures present at I.C. may be variously transmitted.

Co-adult Community

We have, as promised, returned to the subject of community. Our Rector rightly stresses the need to build a community at I.C., one trusts he means a co-adult community in which there are no distinctions between staff, students, academics or the 'authorities'; such a co-adult community is, as we have seen, vital to the fulfilment of the aims of a University. It is this need that makes the limitations placed on participation high-lighted in today's news, on the B.O.G., B.O.S. and as regards the AA, most disquieting.

This too, is where the real worry lies about the Governors' insistence on 'double punishment', the principle that the college has a right to supplement the legal processes of the land in certain offences. Let the Rector when he addresses ICU on the 9th of October relinquish this insistence so we can start to build this community. If not, people will seize upon this issue to expose staff-student relations as mere paternalism, and he may well wish he had abandoned 'double punishment' for reasons of expediency as well as of principle.

FELIX, THE NEWSPAPER OF IMPERIAL COLLEGE UNION

Phone 01-589-2963. (Internal Phone 2881)

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PIER'S PIECE

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So you've finally arrived at I.C., Freshers. Welcome to the Gateway to Industry. For most people, especially freshers this centre of academic excellence is a mystifying place, so the sooner you find out how and why it works and become involved in it the sooner everything will become clearer and more enjoyable for you . . . read The Handbook, read your own paper, Felix, read the 'Blue Book', read (or throw away) the many other publications and leaflets which you will encounter . . .

Ask Questions, beside coffee machines, with tutors, with Dept and year reps, in the Union Office . . . Everyone and everything is here to help you.

I.C. and London can be great places to live in — so live! Don't be too much of a cabbage, though remember if you don't do enough work you may get thrown out. Three years is a short time really, so you need to get to know people, and one of the best ways to do this is to join one of I.C.'s teeming clubs. (Come to Freshers Afternoon in the Union).

A lot will happen this year; these events will be developments of last years many discussions and changes. Back numbers of Felix (get them on Freshers Afternoon) should provide useful and informative reading.

Important matters to be discussed this year are:—

Representation on the 3 most important committees of the college (see Felix news). The Rector's reply is not good enough and the Students Union must decide what to do next.

I.C.'s Education: the student body has expressed an

overwhelming desire to broaden degree courses but the changes themselves have yet to be decided upon and agreed with the authorities.

Double Discipline: (Punishment under 2 codes of discipline for the same thing) Watch out for leaflets on this important matter. It is expected that The Rector will turn up at the first Union Meeting on October 9th to explain his position.

And many more items — read next Felix and wall posters to get all the facts. See you all, I hope, on October 9th.

How to make your money go further

When the problem that you're faced with is the longness of the time compared with the shortness of the money, likely as not the answer could be a visit to your local branch of Martins.

At Martins we have a way of applying all our experience of managing money to help you make the most of yours.

Call in and have a word with the local Martins manager—guaranteed unstuffy. We don't promise he'll *make* money for you, but we're absolutely positive he'll see you get the best possible value out of whatever you've got.

Ask him for the leaflet we've prepared specially for students.

Martins have a branch at
35 Gloucester Road, London S.W.7. Tel: Knightsbridge 3343
Ask to see Mr. Bradley.

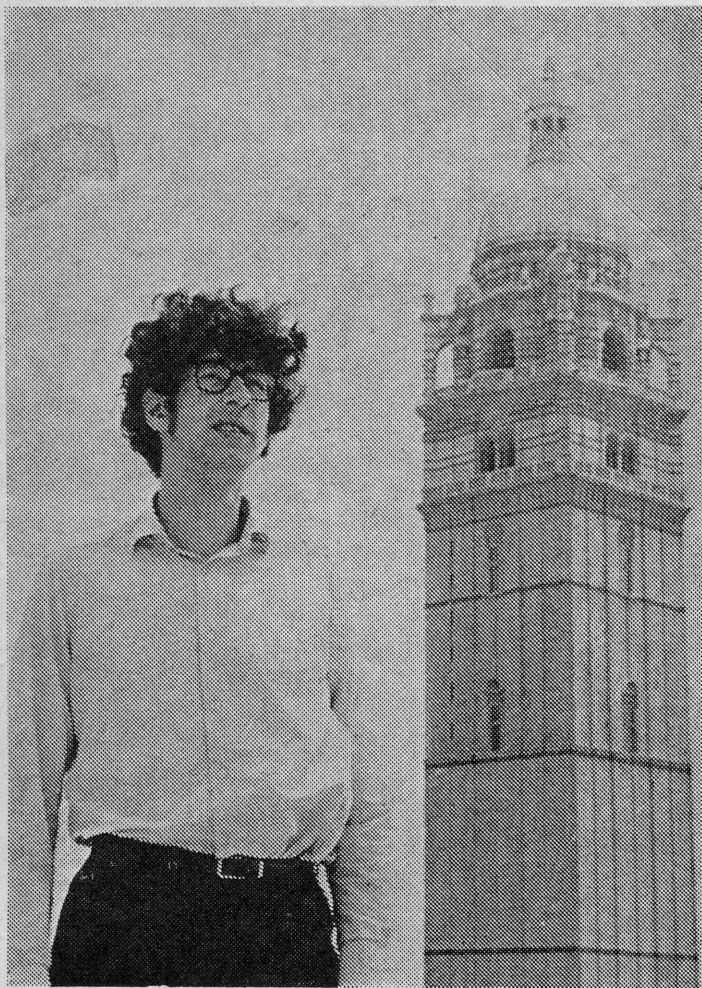
Martins go to extremes to be helpful

MARTINS BANK

A member of the Barclays Group



ROGUES GALLERY 1969-70



What will the future hold for IC?

New President Piers Corbyn ponders

Piers Corbyn, President. That's something no-one expected until Martin Bland broke the news to a startled college that he would be proposing Piers at the forthcoming election. From then it was only a matter of time before he won 40% more votes than Spike Bantin and was declared President of the Union. Although only in his fifth year at college he is possibly the best-known person there, if only on account of the colossal amount of duplicated info. sheets he turns out. To explain how he lost his senses and was conned into proposing Piers, we persuaded the aforementioned Martin Bland to write a short profile of the man himself.

Corbyn — Genius or Madness?

It has been said that genius and madness are separated by a thin line. Piers Richard Corbyn, or "Crow-face" to his friends, has one foot somewhat shakily planted on each side of it. He may often be seen striding from Southside to the Union, or Physics, clutching great sheafs of paper, which he tends to leave in trails behind him, like fallout from the information explosion, and muttering to himself a strange monosyllable best rendered in print as "buzz buzz".

This phenomenon has so amazed the students of I.C. that when the first ever college wide election for the post of president was held last June, they decided to give Piers the job.

Who is Piers Corbyn? He comes from human parents (though looking at him you may suspect some traces of chimpanzee) somewhere in

the region of Newport, Shropshire, where he is known to his family as Richard and to his friends as "Mad Dick". He first entered these hallowed halls in 1965 as a physics undergraduate with an insane desire to work. He soon began to divert part of his energy to other aspects of student life, and threw himself into the club scene, spending his third year as president of Maths. and Phys. soc. He was associated with various other club activities and even displayed his athletic prowess by cross-country running, and it was no doubt then that he acquired the somewhat extravagant habit of running to Marble Arch and back at 2 a.m., to the bewilderment of the fuzz and the horror of passing taxis.

Last year, as a first-year Physics P.G., Piers really came into his own as the I.C. catalyst, except that in his case he increased the rate

of action rather than reaction. I had the misfortune to live on the same landing as Piers last year and many was the night I was kept awake by the clattering of a typewriter (my typewriter, he seemed to borrow it permanently!) as the latest bumph sheet was born. Piers had an obsession with spreading information, which, I suppose, is highly commendable in a floor rep., as he was at the time, but hard on my typewriter.

From the whirlwind of Corbyn energy was born the U.S.K. of which you will read much elsewhere, and the new constitution would not have come about without him. Not that he accomplished these things alone, of course. The Corbyn enthusiasm is infectious (beware!) and he is a past master of conning people into doing things for him. Even I, I must admit, was conned into proposing him for president

and managing his campaign. He conned the Union Top Brass into giving him a Union General Award, the highest honour the Union can give one of its members, etc., etc., in recognition of his efforts. He even conned the Union members into voting for him. So there he is, President, and I am back where I began.

So I hope you're happy with your President. Next time you see him in the bar, try and get him to buy you a drink (something I always find very difficult) and tell him what you think of him, the Union, I.C. in general and anything else you think is worth the effort. He's your president, make sure he knows how you want your Union run and make sure he runs it that way. I'm off to I.C.I. so you'll have to see that he behaves yourselves. Have a good year!

MARTIN BLAND

Earl Arrives

Presenting Mr. Pete Earl, about whom little was known until the middle of last term. Then posters began to appear in the departmental buildings and halls of residence, bearing a line sketch and the legend "Pete Earl, Vice-President". This duly came true at the very end of last year.

In an election poll of over a thousand votes, Pete Earl defeated George Assimakis by only 30 votes, no mean feat considering how well-know his opponent is.

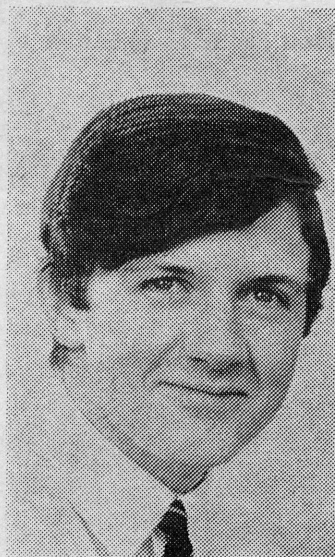
In contrast to George, he produced very little electoral propaganda and information, his campaign rested solely on his hustings speech, although he did have the considerable backing of the R.S.M. and the Rugby Club.

He is a Minesman, a member of the Anglican Chaplaincy, and, by common consent and opinion, a nice guy,

which is a useful qualification for one of the most thankless jobs in the Union, the Deputy Presidency. He has been defeated in a bid to become a Floor Rep., and was the assistant secretary of the Athletics Club Committee, organising coach transport for teams and other such business. He helped to organise the Rugby Club during his time with A.C.C.; this year he will be vice-chairman of the Chaps club, the Mines' drinking club, and as such he will be in charge of discipline.

In the academic year 67-68 his was the task of organising the Carnival Fete. It rained on the day and a loss was made, but it was said at the time that Pete was relatively inexperienced and received little or no help from the Carnival Committee.

Since then he has had time to gain experience in orga-



Pete Earl

nising committee affairs, and is now about to embark on a year of helping to organise the Union's affairs, on which, we hope, he will spend slightly more time than he does with the Mines drinkers. Not having any propaganda to keep to, he has a free hand in his policies; whether these prove right or not we will not know until the end of the year.

Guy — At Last

Keith Guy was voted Secretary of the Union by a substantial majority over S. Sivasegaram, although one tenth of the poll abstained. Ironically, last year he was an opponent of some of the constitutional reforms, mainly on the grounds that the proposed council would be far too unwieldy to be effective, since its size would be swollen with several departmental reps. This was an objection held by many, and was the greatest stumbling block in having the reforms passed, as they finally were, but the reforms did mean that Keith was elected by all the members of the Union.

He is in a unique position to express his views on Council, for this will be his fifth year as a member, having held several different post of responsibility since the beginning of his third year. He's been at I.C. for seven years, and has a Masters degree in Chemical Physics.

Having blown himself up during his studies for a Ph.D., he started again after two years and is at present studying in Chemical Engineering.

To go briefly through his career, he claims to have done nothing in his first year, then became secretary of ConSoc. (Conservative Society) in his second. He took over as chairman of ConSoc. in his third year here, and then chairman of the Social Clubs Committee when he started his first year as a P.G. He became, in quick succession, a floor rep. on council, secretary of the Entertainments Committee, and then Chairman of the Ents. Committee.

Appropriately, he describes the Union as his main hobby, and enjoys watching the same people squabbling over the Council Table every year. He is married to a schoolteacher, has no children yet. Politically, he says he is a "left-wing conserva-



tive, if anything", but plenty of people could be found to disagree with the "left-wing" part! Nevertheless, he claims there are as many hard-line right wingers he disagrees with as there are on the extreme left, and the only people he is intolerant of are those who will not tolerate others.

So that is Keith Guy, one of the most experienced people in the Union, and holding a job which means a great deal of hard work. Good luck to him!

FELIX GOES TO PRESS . . .

From Press Meeting to . . .

Born in a beery, smoky hole, mishandled by illiterate students. How does FELIX ever reach the news-stands? The work on the next issue starts the day the previous FELIX comes out when the features pages are discussed and any important news coverage is discussed at the lunch-time press meetings.

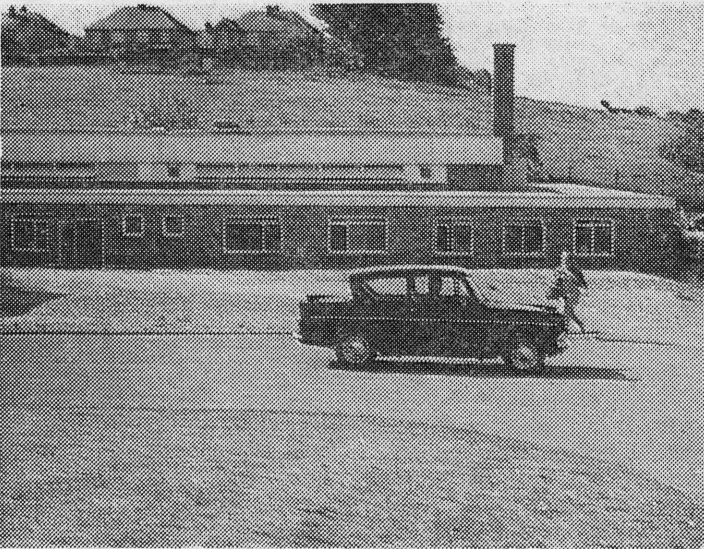
. . . Printers

The pages are set out on layout sheets showing the positions of articles, photos and adverts and are sent down in three batches. The first three or more feature pages are sent by special messenger (G.P.O. for short) to Bailey's, the printers, where they are set up and the proofs returned to college for checking. The sports and letters pages are normally sent down next, on the Friday previous to the issue date. The news pages are laid out on the Sunday and the proofs of the pages already rolled off are checked, corrected and altered and most of the photos are printed.

At Bailey's, the ideas and creations of FELIX staff are turned into harsh reality.

The type face used for most work is 10 point Times, and this, and other small sized type, is set by linotype machines as shown in the pictures below. The large type used for headings and sub-headings is set letter by letter by hand.

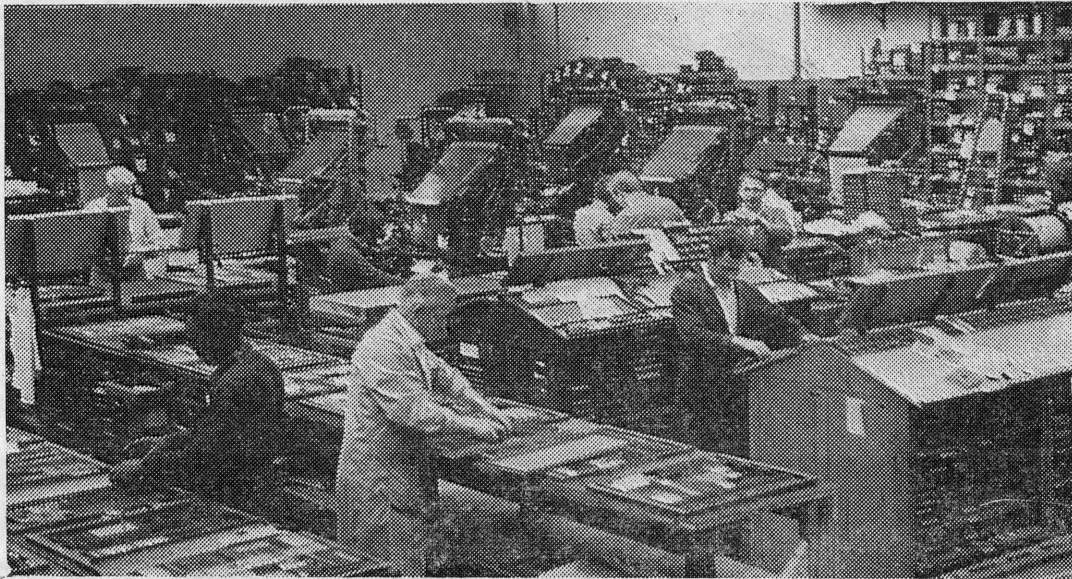
The photographic blocks are cut by a machine which reads the density of reflected and transmitted light whilst scanning the picture in lines. It engraves an aluminium plate reproducing the picture in dots, which vary in density according to the shades of light on the photo.



ABOVE : Premises of FELIX printers, F. Bailey & Son Ltd., Dursley, Gloucestershire.



ABOVE: One of the machines that transforms photos into printing blocks.



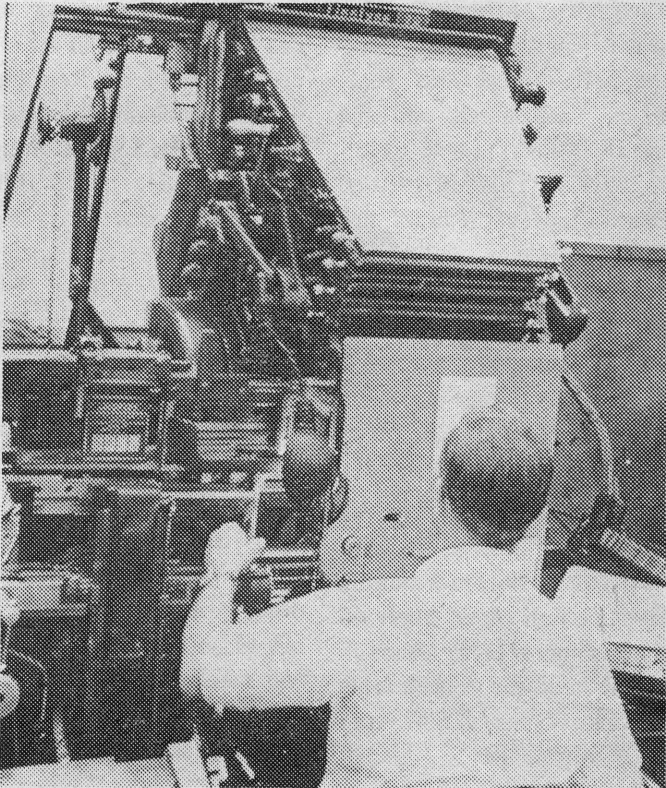
ABOVE LEFT : The pages of type, etc., are being set in their frames for printing, in the background are some of the linotype machines.



ABOVE RIGHT : Headings are set one letter at a time by hand.

BELOW: Photos of linotype machines.

Each letter has its individual die (or matrix). These are selected by the keyboard from the magazines at the top of the machine. The words and spaces are assembled in a line. This tops a mould into which is pumped a molten alloy of lead, tin and antimony. The line is then trimmed and is ejected onto the storage galley.



This photo details: the magazines at the top of the machine. These hold different sizes in of type in **BOLD**, **ROMAN** and *ITALIC*. The storage galley containing some twelve lines can be seen bottom left.



It took about three minutes, two pounds, and one handshake to open an account with Barclays.

The three minutes were mainly spent in writing a couple of specimen signatures and in establishing my identity as a bona fide student—my passport to a charge-free account. The two pounds—all I could bank at that time—were received with a cordial handshake and I was made to feel really welcome. Nothing stuffy about Barclays. You don't believe me? Try 'em.

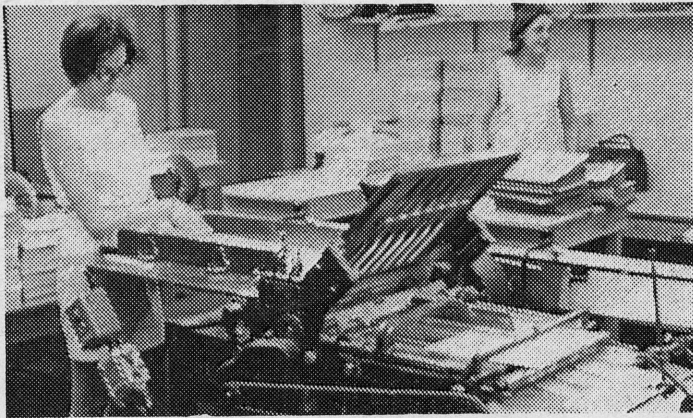
 **BARCLAYS BANK**
Money is our business



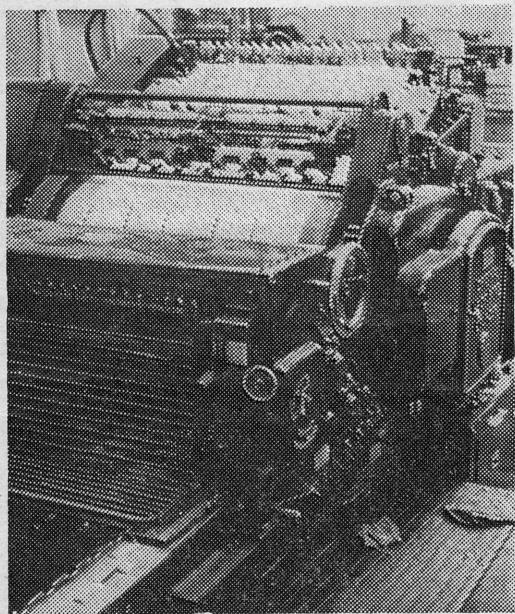
TOP LEFT : The pages are clamped in their frames ready for putting on the presses.



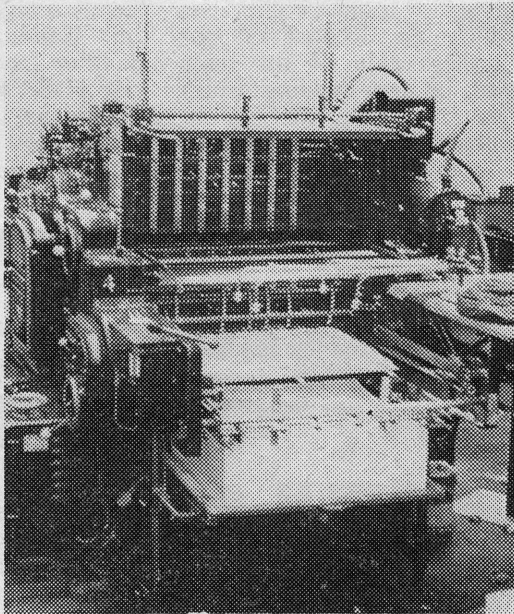
TOP RIGHT : The Works Manager's office is in the background and in the middle of the picture are the machines on which the proofs of the copy are printed and sent back for correction by members of the FELIX staff. On the right can be seen pages of set type awaiting correction and printing.



RIGHT: Machines for folding the finished paper.

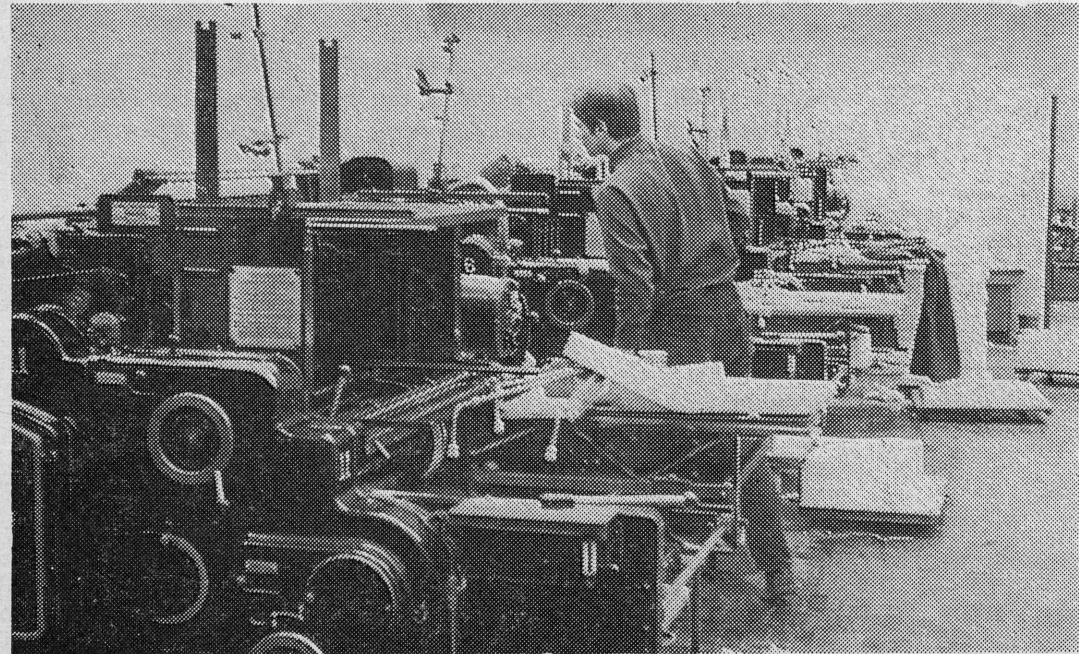


Behind the protective grill the pages of type reciprocate under the printing cylinder. The printing cylinder complete with sheet of paper is in the centre of the picture. Above this is a sheet of paper "queuing-up" to be printed.



Here at the backend of the machine, the board at top holds the unprinted sheets. At the bottom is the pile of printed sheets. Above the pile, the last sheet printed is about to descend.

A battery of the German "Hiedelberg" letterpress printing machines.



. . . and so to you

When all the material for one page has been gathered together, the page is set up in a frame and clamped in ready for proofing which is done on a proofing press. It is then sent back for checking by our industrious staff.

Once the FELIX staff have decided to rewrite their articles and completely rehash the pages during proof reading, the pages are ready for printing.

After all the pages are printed on the presses shown below, they are collected together, folded and sent down to Imperial College. During the Wednesday evening, the illustrious and dashing Felicity Editor has written Felicity and duplicated it with the help of any friends he has managed to co-opt. Then Felicity and any insert advertisements are put inside the copies of FELIX and placed in piles ready for de-

Many thanks to
Bailey's staff for their
co-operation whilst
we collected material
for this article.

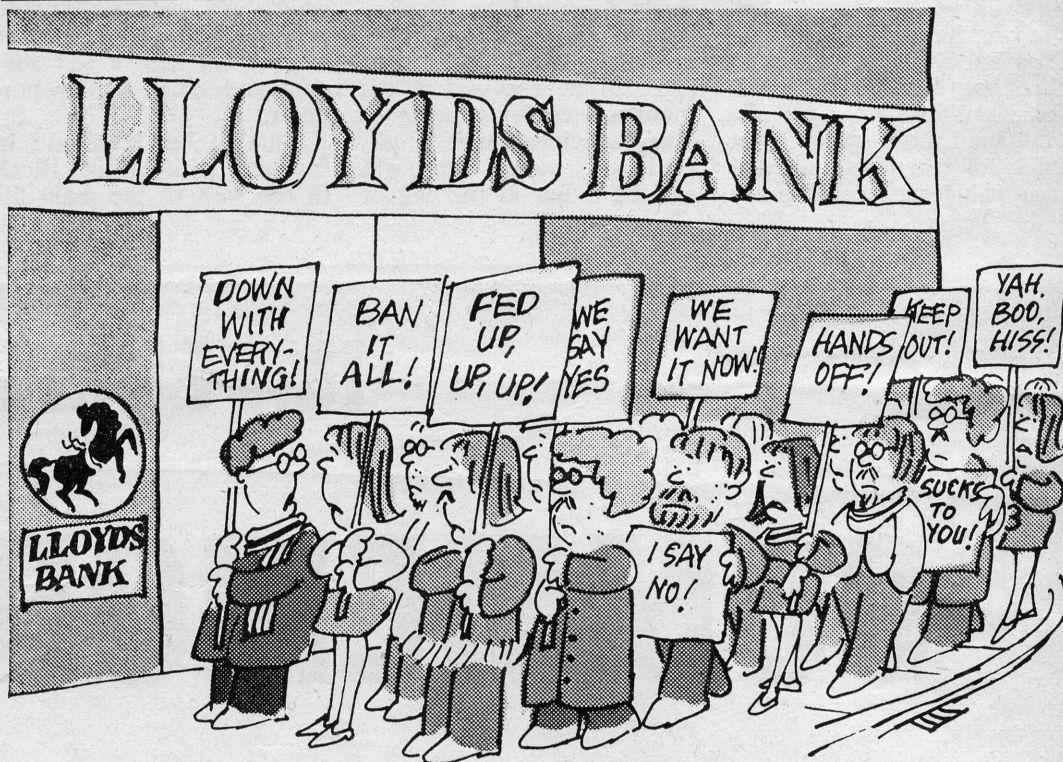
livery to halls and news-stands in the early hours of Thursday morning.

FELIX therefore reaches you perhaps from the hands of one of I.C.'s fairer sex who are co-opted as salesgirls. You probably then glance through it and possibly even read a few articles (after all, you're reading this one) and think, "That is the end of FELIX".

Well, that's where FELIX should start, with you, your ideas, your abilities or just your willingness to work.

If you feel you have been graced with writing ability, you own a camera, have a flair for collecting advertisers, can brew tea or collect beer from the bar, can sweep the floor or help to sell FELIX, why not come along to a press meeting and help produce your paper? Press meeting happen on Tuesdays and Thursdays at dinner time, about 12.45 p.m., so if you are interested, come along. There's always plenty to do!

* * *
WORDS AND PICS.
J. ROGERS



"The trouble with Lloyds is that there's nothing to protest about."

Lloyds Bank say 'yes' to student freedom.

Because Lloyds Bank don't make charges to students. Our services are absolutely free—as long as your account is kept in credit.

Maybe you don't consider it worth opening a bank account while you're on a student grant. It is worth it. A bank account is by far the best way of planning, controlling and keeping track of your spending however limited your means.

The key is your Lloyds Bank manager. Financial disasters are far more easily avoided with a bank account—plus someone to help you if you do get into trouble. A Lloyds Bank manager tends to be understanding about the very occasional and unavoidable overdraft. And if you're hopeless at managing your money anyway, just ask him — that's his job!

Lloyds Bank looks after people like you



Nearest branch to the College: 67/69 Old Brompton Road, S.W.7.

Everyman's Guide to College Block

In this FELIX exclusive Domestic Bursar Carl Seaford, also popular warden of Selkirk Hall, describes exactly what is where in the giant new College Block the Queen will formally open next month.

The building of College Block succeeded in bringing to fruition a three-fold purpose of the College. The first was to concentrate all Administration in one building; the second was to supply from the areas vacated by the various sections of administration new sites, rooms and general accommodation for the increasing needs of the academic side of the college; thirdly because of increased numbers the College felt the need to provide more social accommodation and, with this in mind, new refectories, common rooms, a large hall for 800 people and two seminar areas (each taking 120), were included in the building.

In a separate part of the building at the western end are also located not only the National Science Library but the Lyon Playfair, which is for scientific matter, and the Haldane Library which is for books of general reading and also includes a record library

of high repute. The academic portion of the building is housed on the upper floors at the eastern end. On the top floor are the offices of the Rector, and Secretary, as well as the Maintenance and Development offices. On Level 4 is found the Finance and Supplies section of administration and on Level 3 is the Registry. These sections may be reached by staircases located in the main hall in the middle of the building and also by staircases at the eastern end. There will also be a lift at the eastern end as well as two lifts in the main Hall.

On Level 2 at the eastern end is a cloakroom for the main Student Common Room area, which is approximately 9,000 square feet, off which is a Conference Room which will be used by the Union. This large Student Common Room can be used for many purposes. It is completely newly furnished by the College for the benefit of students, the carpets are plugged and can be removed if the room is used for dancing or other activities where a carpet is not required. There will also be a Bar at the end of

the Room and students can go from the Common Room into the Student Buttery, where it is hoped to be able to serve this type of meal, plus teas and coffees, for most of the day. The exact times will be notified to students. Beyond this and further west is the Senior Common Room, the Staff Dining Room and Buttery, which are only open to members of staff.

Coming down to Level 1, or Ground Floor Level, will be found the main College Refectory, which will serve both cafeteria and waitress served meals at lunchtime and will cater for large dinners in the evening. This Refectory has an ante-room, which is next door to the main lift hall, and both this ante-room and the refectory will be open to all members of the College at lunchtime. Below the ante-room on Level 0 is a Quiet Room, which will hold about 130 people, and will be used for Church Services of any religion and other similar purposes.

All that has been said so far deals with College Block to the west of the main lift

hall and main entrance. To the east of this Hall there are, on Level 5, various offices, the two seminar rooms mentioned previously (one of which will be used for concerts) and below these on Level 4 will be various other offices and the lower entrances to the seminar rooms. On Level 3 and 2 is located the Great Hall, bookings for this and the seminar rooms and the Quiet Room, will be the duty of the Domestic Bursar's Office. The Great Hall is composed of a moving stage so that the number of people accommodated will be dependent on the position of the stage. The numbers accommodated in the flat area of the Hall will be between 500 and 200. There is to the rear of this a bank of thick seats (holding about 300) and there are, of course, press rooms, a projection room and general operation rooms.

From Level 2 entrance can be gained to the two libraries which are located on the northern side of the main part of the building which leads to what used to be called Imperial Institute

Road. The only part of this Institute which now remains is the Queen's Tower, which is surrounded by a lawn.

On the Ground Floor, under the Great Hall and to the west of the main entrance, are located the various sections of the Domestic Bursar's staff, including the Security Office, Student Houses and Halls of Residence Office (these latter two will move in October), the Books Office and Enquiry Desk for Bookings, and the General Messengers' Office.

Also on this level is the First Aid Room, where people may go to rest if they do not feel well. (They should, however, inform the Health Centre so that a nurse can come over if necessary).

On the level below will be the Telephone exchange (which will also be moving into College Block later) and the Post Room.

At the present moment there is a temporary office for the National Westminster Bank on Level 4 in the Main Lift Hall, but this will be moving as soon as possible to the most western end of

the building on Ground Floor Level, and the Bank will have a separate entrance on to the roadway which circles College Block.

Mention has not been made of the fact that on Ground Floor Level or Level 1, the kitchens which will provide the meals are located. Connected to these will be the Office of the Refectory Manager, Mr. Mooney, and his various offices.

Not in the building, but built in conjunction with it is the College Bookshop. This is located on the walkway which runs the whole length of College Block, on the south side, at Level 2, and is connected with the Walkway which goes past Elec. Eng., R.S.M., and Mech. Eng. Students should note on this Walkway the various notice boards which are located there, immediately outside the large Common Room. They should have no difficulty in finding the various areas in this new building as these are clearly marked by signs and notices if they approach the building through the main entrance or by the Walkway on Level 2.

IMPERIAL COLLEGE

COMMEMORATION DAY

Thurs. 23rd Oct.

Royal Albert Hall

2-30 p.m.

**Entrance free
without ticket at
the main door**

- Before the ceremony an interdenominational church service will be held in Holy Trinity Church, Prince Consort Road; preacher: Rev. Chancellor J. R. Lloyd Thomas, MA, Principal of St. David's College, Lampeter.
- Special Visitor: The Rt. Hon. Lord Nelson of Stafford, MA, CEng, FInst CE, FIMechE, FIEE, FRAES, Fellow of the Imperial College, Chairman and Chief Executive of the English Electric and General Electric Coys. Ltd.
- Report on College by the Rector.
- Presentation of Associates, Diplomates and Fellows of the College.
- Tickets for tea in the College from the Union office.
- Royal School of Mines on view to visitors from 11 a.m. to 7 p.m.

WANTED

Reporters, Salesgirls Sports Editor
Business Manager Typists
Feature Writers Sub-Editors
Cartoonists Photographers
News Editor Production-Assistants

Apply at the FELIX stand at the top
of the Union building — TODAY

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LOCATION

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GRADUATE STAFF REQUIREMENTS

Physicists, Engineers (Mechanical, Electrical, Electronics and Chemical), Mathematicians, Metallurgists and Chemists. A high standard of academic attainment is demanded together with the personal qualities necessary for eventual promotion to management.

TRAINING

Specialised training in Nuclear Engineering Plant Operation, Health Physics, Instrumentation and Water Chemistry is available for the appropriate positions.

SALARIES

Well up to present day standards.

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In a thriving organisation with Career Development Planning. Opportunities for advancement are plentiful.

APPLICATIONS

Through your University Appointments Board or to

The Personnel Manager

Rolls-Royce and Associates Ltd.

P.O. Box 31 Derby

The Anti - Hero

To students about to plough into another year's study of scientific texts and notes, and to freshers faced with a ghastly array of textbooks they will be urged to buy and will never read, it may seem sheer stupidity to suggest that there is any other kind of literature with which they can pass their leisure time. But unscientific reading does not automatically mean uninteresting reading, and some contrast in what you read is essential if you are to avoid becoming a dreaded "damned scientist" with a mind like an automatic clock. So read on.

The paperback edition of **A Small Town in Germany** has just been printed by Pan Books at 6/-. The author is John Le Carré, best known for "The Spy Who Came In From The Cold". All of his five novels contain main characters whom he tries to make as unlikeable and detestable as possible, the anti-hero taken to extremes, and although his books are on

espionage they are as different from the conventional Fleming or Deighton spy-thriller as Graham Greene is different from Enid Blyton.

The small town in Germany is Bonn, the western capital but overshadowed by the much larger cities of Hamburg, Frankfurt, Munich. The anti-hero is a British civil servant, Turner, sent to the British Embassy to investigate the disappearance of a minor official who took with him several major files. Turner seems to hate everyone; his main qualification for his job is his ability to break down the people he has to interrogate.

At the Bonn Embassy he meets the father of a girl he had interrogated at a previous occasion, and who had consequently had a nervous breakdown. He soon makes himself unpopular with almost all the other officials and staff, except for de Lisle, a diplomat who can see that Turner's main war is with himself. His main aim is to find out as much as possible about the character of the

man who disappeared, hoping he will be able to see where he would logically hide with the files, but he finds this surprisingly difficult, the man seemed to be friends with no-one, a shadow working in the embassy for twenty years. Slowly he develops some form of affinity with the defector, both men at war with everyone else and with each other.

The noticeable thing about Turner, Leamas and Smiley, Le Carré's anti-heroes, is that no matter how contemptible and unlikeable they are portrayed, as you read on you inevitably start to understand them and come to sympathise with their quandary. This is one of a very few books which can honestly be described as thrillers.

For science-fiction addicts, Jim Ballard's **Disaster Area** has been produced in paperback from Panther, 5/-. It contains nine stories not reprinted from previous collections and of a very high standard. The disaster in the title sometimes refers to a worldwide disaster, as in **Storm**

Bird, Storm Dreamer, where mutation has caused some seabirds to grow to gigantic sizes. At night they come to haunt the private world of a man living alone on an abandoned jetty. More often, the disaster is a private disaster, the disaster of two men deprived of sleep and dreams by a scientific experiment, or the disaster of a man stranded in a city which stretches indefinitely in all directions. Ballard's characters live in a dream world constantly turning to nightmare.

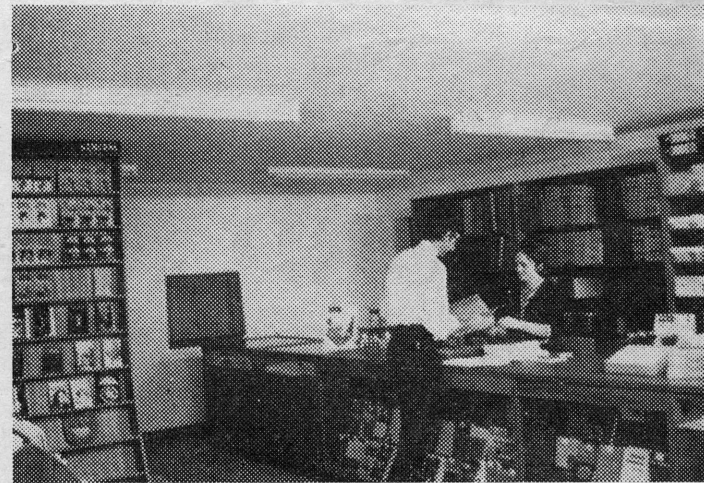
Finally, if all you want is a fast-moving blood-and-thunder story, Panther have also recently published a glut of Chester Himes novels, all concerning two negro cops, Coffin Ed and the Grave Digger. The setting is Harlem at night, the plots concern dope smuggling, gold robbery, murder and almost any crime you care to mention. All very slick and amusing, these are the kind of books you can read in an hour or two and then throw away, or take back to the second-hand book shop.

Bookshop expands to College Block

The bookshop has now moved from its cramped quarters in the Beit quadrangle to new spacious premises between Chem. Eng. and College Block and with the move has come a complete change around of the system designed to make it both more attractive and efficient.

Books are now on display and can be perused before purchase, the range of books being gradually built up, particularly in paperbacks and fiction. A changeover to the continental A4 system of paper sizes is being implemented. There is a large browsing area where the books are kept, an exit from which is via a cash desk and a 'quick sales' counter for ties, pens, etc. The duplicating service, details of which can be had on request, will be continued and the shop has a staff of four under Miss Basden, the manageress. All profits go into the Union, so that it is in the interests of all students to shop there.

Hours of opening are 9.30 to 5.30 on weekdays in term time, closed from 11.50 to 12.30 during the first two weeks of this term but open all day thereafter. During the vac. the hours will be 9.30 to 2.30. Unfortunately, book tokens



cannot be bought or accepted. It can be reached along the walkway on the North side of College block from level 2 of Elec. Eng., Civ. Eng. or Chem. Eng. or up the steps from the link road behind Chem. Eng. A large illuminated sign marks it clearly.

**Freshers do not be put off by
imitations**

**There is only one
IMPERIAL COLLEGE
BOOKSHOP**

"Inside Information"

The Dickens Press has this summer published a most useful series of paperbacks called "Inside Information" (5/- each). An attempt to present the guidance of experts for today's man in the street the books deal with several of the most important social problems. Of especial interest to students will be 'Tax and Insurance', 'Educational Choice', 'Career Opportunities', 'Solving Career Problems', 'Careers in Management', and 'Sex and Birth Control'.

The Marriage - Breaker's - Yard

The gentle art of marriage smashing has proved immensely popular as a film theme, and producers and directors are still eargerly ferretting out new twists in the method of turning husband and wife against wife and husband.

It was only three years ago that George and Martha used their own fantasy world to salvage their own marriage and separate their young married guests, in Mike Nicholl's **Who's Afraid of Virginia Woolf?** Since then there has been Benjamin, **The Graduate**, in another Nicholls-directed film. He managed to break two marriages in the space of one film, even going to the lengths of kidnapping the bride with the wedding ring hardly on her finger. Most recently, **Laughter in the Dark**, from a book by Nabokov, has a cinema usherette stealing a millionaire art-dealer away from his wife and daughter. The road to the divorce courts means thriving box-office.

Currently, the most controversial "other woman" is a nineteen-year-old girl played by Judy Geeson, in **Three into Two Won't Go**, one of the few notable films released during the vacation. Iris Murdoch wrote the screenplay, and Rod Steiger and Claire Bloom do most of the acting. Like George and Martha, the couple they play, the Howards, are unable to have children. Unlike George and Martha they are also unable to come to terms with their disability and are slowly but surely drifting apart from each other. The husband is a business man, used to travelling as a sales representative to the Manchester branch of his firm and, on the return journey, spending the night at a hotel managed by an old friend of his. His wife is busy decorating their new home in the suburbs, where most of the later action takes place. Miss Geeson is the young hitch-hiker picked up on the return journey by Mr. Howard, and spending the night with him at the hotel. The following morning she decides to stay there and work as a maid and waitress. Steiger shrugs his shoulders, gives her a fiver and drives homewards to his long suffering wife.

He soon travels north again. Not unnaturally he visits the hotel on both north and southbound journeys, only to discover on his return stay that the girl has handed in her notice and left no hint of where she is going. He soon finds

out, however, for a few days later she arrives at his house and introduces herself to Mrs. Howard, who invites her to spend the night. From there the plot unfolds with the predictable result.

CONTRIVED

It is the character of the girl which seems most contrived. She keeps a notebook in which she takes notes on all the men she has slept with, giving each a mark or grade, like a schoolteacher marking a child's exercise book. She is able to present any personality she likes according to the demands of the situation; at one time warning Mr. Howard that if he doesn't do as she says, she will swear at the top of her voice in the hotel breakfast room, at another, tearfully explaining to his wife that she thinks she is going to have a baby. She pays the molested schoolgirl so well she is allowed to stay on at the Howards' until she can have a medical check. A great deal of the story rests on the baby the girl says she is expecting and the childless marriage of the Howards. Steiger is persuaded that the child is his, and he, presented with the proof that it is not he who is infertile, agrees to do anything for the girl if she will not have an abortion.

The best of the film lies in the Bloom - Steiger dialogue. Having moved into a house where neither of them really believes they can live happily without children, they constantly bicker over whether they should adopt a child or not. She feels certain about his infidelity but still clings to the hope that a baby could repair their marriage. She regularly visits her mother in an old peoples' home and has to listen continually to the story of how her father brought another

woman to live with him, but she, Mrs. Howard's mother, was too proud to leave him. Steiger refuses to let his mother-in-law live in his house, and is taking to drink in the face of his marital problems.

In among all the tension and adultery, there are some surprisingly funny episodes, but overall it is a form of domestic tragedy with the young and free seemingly wielding destructive power over an older generation weighed down with conventions and responsibility. Perhaps with less accomplished actors and actresses, some of the situations portrayed would seem farcical and the characters absurd; the film has none of the powerful darkness of atmosphere that lasted throughout the night of fun and games in **Virginia Woolf**. There the action was compact, sometimes acidly funny, at others just quietly sinister, but even during the most unbelievable episodes it was compelling because the characters were so well drawn in Albee's original play. It was the older experienced couple, who seemed to detest each other, who had learnt to live together, and the younger college doctor and his wife who were forced to see their marriage as a sham.

Three into Two Won't Go is worth seeing for the acting, but the well-written screenplay and dialogue disguises a plot that is both contrived and predictable. You could say that the girl seems so inhuman because she is merely a symbol of a youthful avenging angel sent to punish a couple unable to live with each other's inadequacies and their own fears, but even as such she seems a parody of a human being. To me none of the subsequent action fulfils the promise of the film's beginning, but it is a notable addition to the eternal-triangle film-theme market.

RECORD REVIEWS

Unhalfbricking

Fairport Convention (Island ILPS 9102).

The Convention's third LP, this contains three very long tracks including Sandy Denny's "Who Knows Where the Time Goes?" and Dylan's "Percy's Song." Their current single release, also a Dylan song, is probably the worst track and seems to have been selected as the only track short enough to be released separately. Nevertheless, the standard overall is very good, and the group have proved extremely capable at arranging traditional songs for production on record. There is only one example on this LP, but it takes up half the playing time of the first side. Fairport Convention seem to inhabit the border between folk and pop; their music is a modern arrangement of basically simple old melodies. Lead singer Sandy

Denny is one of the best girl singers in Britain, often sounding like America's Judy Collins.

With a little help from my friends

Joe Cocker (Regal Zonophone).

Joe Cocker sings many standard soul songs as well as his first two singles "Marjorine" and "With a Little Help from my Friends." Among the older tracks are the Animals' hit of a few years ago "Don't let me be Misunderstood" and the best track, in my opinion, "I Shall be Released". Together with several less well known songs, these comprise a very enjoyable record, which confirms Joe Cocker's position as Britain's major white soul-singer.

The Pious Bird of Good Omen

Fleetwood Mac (Blue Horizon).

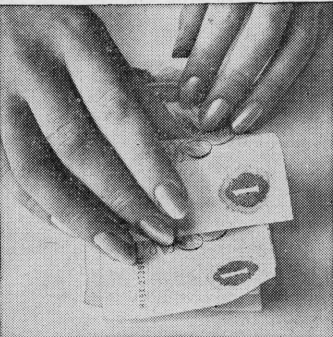
This LP takes tracks from Fleetwood Mac's first two albums, added to which are their first instrumental single, Albatross, and their latest, "Need your Love so Bad." Several are composed by Peter Green and Jeremy Spencer, and most tracks are worth listening to, but I cannot see the point in producing a record containing material already on records which Fleetwood Mac fans will have bought before.

It is interesting to know that only Spencer and Danny Kirwen were not in John Mayall's Bluesbreakers before joining Fleetwood Mac. As a collectors' album **Looking Back**, by John Mayall, is unique. It contains tracks recorded by all the members of his group over the past years, including Mick Taylor, Ainsley Dunbar, Eric Clapton, Jack Bruce, Mick Fleetwood, John McVie, Peter Green and, of course, John Mayall.

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Use it to start a bank account with the Midland. Then we'll very quickly give you a cheque book with which to draw cash or pay bills.

It's nice to know your money is absolutely safe. But a bank account with us promises you something more. A chance to budget your money each term; and the right to go to your



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Give your local Midland manager a ring—his number is in the 'phone book—or go and see him about opening an account. *Do it now.*

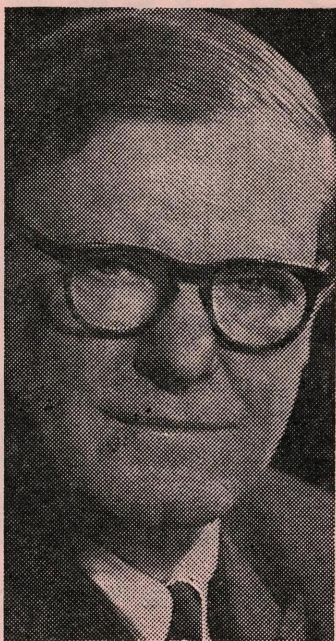


Midland Bank

Rector an O.M.

Lord Penney, Rector of I.C. since 1967, has been awarded the Order of Merit, one of the highest honours awarded by the Queen. As Sir William Penney, he was chairman of the UKAEA during the development of the technically successful, but commercially disappointing, advanced gas-cooled reactor. Previously, he had been head of the AWRE, Aldermaston, having been associated with atomic weapons since the days of Los Alamos. He watched from the air the explosion of the second atomic bomb dropped on the Japanese, at Nagasaki.

Lord Penney's appointment as Rector was not without controversy. Some students felt that his involvement with the development of the first atom-bomb made him an unsuitable choice, and there were rumours that the staff would have preferred a senior member of staff to a man whose connection with I.C. was as a student and staff member over two decades



ago. However, staff-student relations have improved under his auspices and he has earned the affectionate title of 'Uncle Bill'. Lord Penney, who writes occasional letters to FELIX, is one of only 100 holders of the O.M.

Mooney Moans

As old lags will now have realised, the price of Mooney food has increased yet again (3d. for main course, 2d. for sweets). This time most of the increase is because more staff are needed for the new college block refectories.

The final increases were sanctioned after the end of last term when no members of the catering sub-committee were available. Keith Guy, the only student to attend the meeting, said the price increases were inevitable under the circumstances. However, many complaints are being made. In particular the standard of food in the South-side lower refectory has deteriorated tremendously in the last year and is now 'almost inedible'.

There is faint glimmer of hope for the future. At the last Union Council meeting it was suggested that the operational research unit at IC be asked to make an efficiency study of IC's refectories. Prof. Eilon, head of the Management Engineering section of Mech. Eng., in a letter to Pete Earl, Deputy President, suggested that an M.Sc. project was possible next year.

General Studies

This year's G.S. programme will start on Thursday and as usual a wide-range of speakers is promised. The lunch-time concert will continue every Thursday. Printed programme of G.S. talks and concerts will be available.

Caine Out

Sir Sydney Caine, Director of LSE at the time of the Adelstein-Bloom suspensions, and controversial author of a book attacking students Unions, has been replaced on the Board of Governors. Sir Robin Darwin, Rector of the Royal College of Art, who replaces him, recently attacked the UGC and IC for the way in which the site for the AA was obtained. A former IC President, Dr. A. Kitchener, has also been appointed to the B.O.G.; FELIX files show him to be a bald but efficient President although a rather better cricketer. N. C. Macdiarmid, right-wing President of the Iron and Steel Institute, has also joined the B.O.G.

WHAT'S ON

Copy for **What's On** should be sent in at least nine days before publication.

Tues., Sept. 30th, 7.30 p.m. Maths. & Phys. Soc. party. Level 8, Physics, Common Room. 3/6 men, 2/6 ladies (free to members). Bar, Disco, etc.

Africa Centre

The Africa Centre, 38 King Street, Covent Garden, has an interesting Autumn programme of conferences, seminars and language classes. There are seminars on African music and writing on the 2nd, 7th and 9th October, starting at 8 p.m.

"Whale off the port bow, Sir"; without doubt this statement sums up the general atmosphere on the latest cruise on the College's new yacht, High Sea.

The two week happening got off to a damp start when one of the more senior members of the crew walked straight out of the yacht club bar onto the boat, tripped on a sheet and came up gurgling something about one can only judge boats and women by what's underneath. Despite his invitations to join him, tempered with childish comments such as "It's quite warm for the time of year" (the sinister black pipe marked 'Sewers' was pointed out to him at a later date) were ignored in favour of listening to predictions from the Bracknell Oracle. Within the hour High Sea creamed out of Ramsgate harbour under full sail, the scene was set for some perfect sailing. This blissful existence was rudely interrupted when we came out of the lee of the Kent cliffs. The sudden presence of a swell produced a similar effect to a 17 in. armour piercing shell hitting a greenhouse. We now paid the price

for a hurried departure; the first knell of the calamity was the still half full bottle of duty free whisky performing a death defying leap into the bilges. The skipper who had been transferred directly from the arms of Bacchus to those of Orpheus reacted like a true salt. As the first molecule reached his nostrils his starboard weather eye scanned the saloon (aply named) and on seeing the magic liquor mixing with the not so matured bilge water a quaking cry of 'all hands' rocked the boat.

Souped

In order to make the bi-centenary celebrations of the Chichester yacht club, it was necessary to sail all of that night. The traditional event to make 'every night at sea different' occurred soon after the moon had set, one of the girls had just made soup for the new-watch and was about to hand a cup to myself, when the boat lurched before a rather large sea, in trying to steady herself a hand complete with cup of soup went out towards an imaginary support but char-

acteristically found the inside of a freshly occupied sleeping bag. The resulting language from the occupant can be heard in part at All Saints Church, Fulham, this Sunday.

Despite twice sailing past the narrow, cunningly concealed entrance we did make Chichester, but exhaustion overcame us and we retired to bed. After causing the locals considerable fright, we left Itchenor in the late afternoon, a light breeze pushing us gently towards the Channel Isles, so gentle in fact that we set about preparing a hot meal, leaving one man on deck to tend the helm. Without any warning, the boat lurched to an untimely halt—aground, marked on the charts as the Winner Sands, dry at low tide. The tide went out and came in, during which time we had the most substantial meal of the trip, despite the difficulties of cooking at 45 degrees.

Stranded

The passage across the Channel was a rough one, most of the way we were beating into the teeth of a gale and being tossed about by breaking seas. After a three day stay in St. Peter Port we were almost laughed out of the island when, after returning with some provisions, the dinghy was found suspended from the harbour wall on 8 ft. of warp some 20 ft. clear of the water—amazing things these tides.

The rest of the trip was equally eventful but space and ethics prevent it being printed here. The College yacht was, believe it or not, returned and can be inspected on application to the Under-Water club. I would also like to mention the week-end cruises we will be running for the first month of term.

KEN BARKER

Follow-up Alcohol Survey

Students who are entering their third year now will surely remember that the Alcohol Impact Project, which is part of London University, sent a questionnaire to all students who were then in their first year two years ago.

The Alcohol Impact Project team, who are still very much in business, and who are as interested in understanding variations in normal drinking habits and attitudes as they are in the serious community health problem of alcoholism, are conducting a number of studies of young people and their drinking of which their investigation of students at this college is one.

The research workers say that this is an area in which everyone holds opinions but in which there is surprisingly little hard information of the sort that can be provided by

such a survey. Apparently the response rate from this college was so good two years ago and the information obtained so complete that it has been thought worthwhile to enlarge the scope of the study to find out what has happened to the drinking habits and attitudes of this group of students over a two year period. This will add enormously to the value of the study.

So all third year students should look out for another questionnaire which will appear shortly in their departments. Once again the organisers of this survey wish to stress that the information given is to be treated with the strictest confidentiality. No names appear on the questionnaires, only a code number which allows the researchers to keep a track of returned questionnaires.

"Support" for Americans

A group of six Americans met by chance about 18 months ago and from a common sympathy decided to form a group called "SUPPORT". The purpose of "SUPPORT" is to learn as much as possible about the U.S. Draft Laws and to make this information available to the individual American who finds himself in conflict with the U.S. Vietnam policy. They meet once a week at their offices, 5 Caledonian

Road, and give an excellent counselling service. "SUPPORT" welcomes your assistance, even if it is just offering crash-pads for desperate Americans.

U.S.A.

Are you interested in North America?
JOIN UNIVERSITY STUDENTS ABROAD
INTERNATIONAL HOUSE
40 Shaftesbury Avenue
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FELIXSCRIBE

In Hall this year? Then have your student newspaper delivered to your room on the Wednesday evening before publication day. To keep abreast of the news, send 5/6, preferably a cheque or P.O., to FELIX (Hall Subs), IC Union building to join the scheme starting with the October 9th issue.

Postal Subscriptions are also available, at 10/6, including post within the U.K.

The FELIXSCRIBE service may be extended to cover the Student Houses—residents should look out for an announcement in the next Felix.

Are you interested in:—

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Liberalism?

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13 THE ARCADE
S. KEN STATION

IMPROVED WELCOME ARRANGEMENTS

The Freshers' Day arrangements made by the College this year seem to be designed to make the Freshers more at ease than in previous years. Gone are the mass Freshers' lunches with hundreds of overwhelmed first year undergraduates crammed together to eat in utter confusion.

This year, after today's undergraduate Freshman's Reception in the Royal Geographical Society Hall, the freshers will go to their Departments for an introductory talk (11.15 a.m.). After breaking into groups and meeting their tutors, they go off to lunch, no special arrangements having been made. In some cases, it is thought that tutors will take their groups out to eat somewhere.

The afternoon of Monday is free, to enable Freshers to join all the clubs and societies exhibited in the Union building on Tuesday, first year Undergraduates start the 'Departmental Induction Procedures', while second and third year students begin normal classes.

Postgraduate Freshmen are left to hang about the College until 6.0 p.m. when there is a reception for them in the College block ground floor dining-room.

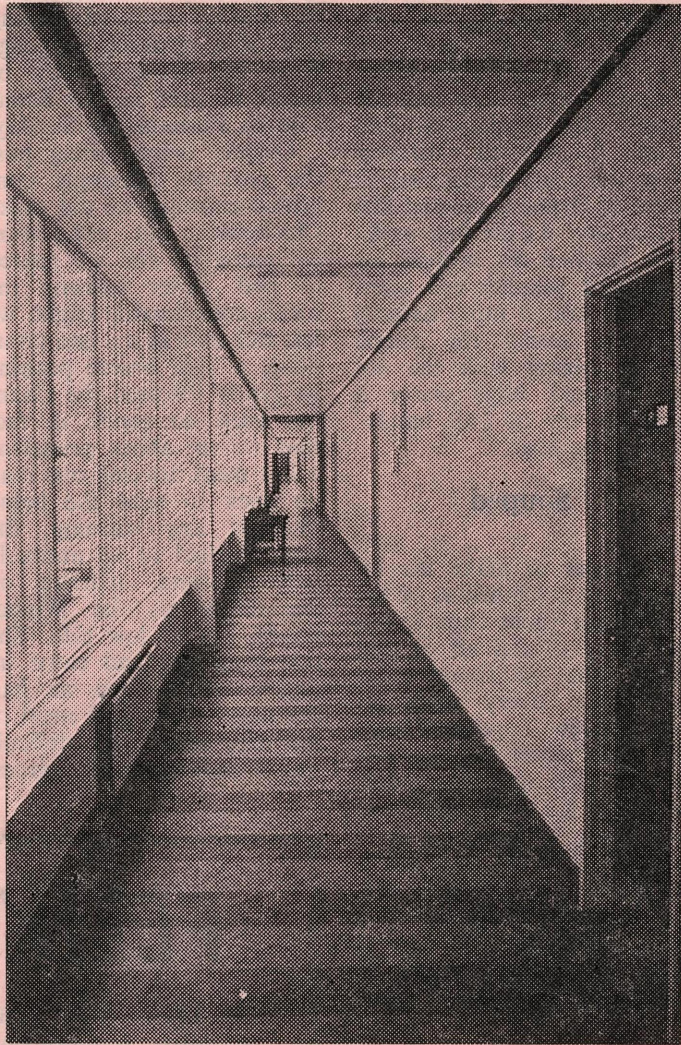
All students must register by filling in a Registration form, and returning it to the Registry on Level 3 in the College Block. The three registration days are Monday, Tuesday and Wednesday of this week. Where applicable, Undergraduates may collect their L.E.A. grant cheques from the Registry at the same time.

LODGINGS SHORTAGE

The number of lodgings on the list of the UL Lodgings bureau has dropped to only 10% of that on last years list. This is largely as a result of the decision to tell landlords that only those who would accept any student regardless of race would be listed. Accordingly, the bureau is only helping Freshers.

To ease the situation, ICU has compiled a list of addresses which may be of use, and Mick Braybrook is working in the Union Office helping people in difficulties. Anyone knowing of suitable addresses is asked to give them to Mick as soon as possible. As one Union official told FELIX: "at least this shows that students are prepared to make sacrifices in the fight for their principles".

The Queen to open College Block



The mystery guest who will formally open College Block on November 27th will be, it has been revealed, the Queen. Prince Philip, a more frequent visitor to IC, will accompany Her Majesty. The Queen will take tea in the Students' common room. The Rector has vetoed a suggestion from ICU President Piers Corbyn that the tea should be open, and so only a few selected Union officials will be invited. The Board of Studies has agreed to the suspension of lectures on that day.

On the left, our photographer captures the impersonal nature of the partly-opened College Block.



Students using the facilities in the new Science Museum Library premises.

MORALS AND ECONOMICS

In this Felix exclusive, Helen Lewis-Jones of the organisation 3W1 (see front page) discusses the role of fund raising in relation to the problem of World poverty.

Fund raising improves the quality of life for thousands of individuals, but it is now apparent that the raising of money alone is not enough. The contribution that a private individual or agency can make towards the Third World can at best be a drop in the ocean.

So why approach "impoverished students", demanding part of their paltry grant? Simply because certain facts must be faced by an intelligent section of the population, and they must be faced now. In international relations the poor nations are treated as if they were as economically developed as the rich; this means they generally get a raw deal. International agreements are dominated by the interests of the "White

Man's Club".

Two arguments can be used: moral and self-interest. The moral one is that out of humanitarian reasons we could not let half the world remain underdeveloped. The economic argument is that the rich countries cannot afford to ignore half the world in terms of untapped talent and resources. The problems of overpopulation and the gap between the rich and the poor are surely going to be the most serious in the next few decades. The belief that underlies 3W1 is that the discrepancies between the rich nations and the poor will be the all-time problem of the next twenty years. There is no single panacea. Every expert will tell you that these problems must be solved. The Government faces them in theory, but is reticent about practical action where it seems to threaten short-term strategic interests. Governments mask their inactivity by altruistic rhetoric: Government aid is often little more than a political chess game.

3W1, based on the Ban-

5 Year Plan

In response to a request from the Rector, ICU Council has set up a working party to prepare evidence for the IC quinquennium report to the UGC. The committee has met several times over the vacation and collected evidence from several Union bodies, e.g. on sports facilities. A major part of the report will concern academic matters, particularly teaching methods, methods of assessment, course content, and, most radically, how to break down the rigid department structures by the proper use of course units.

Evidence would still be welcomed from individual students, and should be in to the Union Office in the next week.

Penney Faces ICU

The Rector, Lord Penney, has acceded to a Union request to answer criticism of his policy on discipline procedures and other issues at the first Union General Meeting of the session on October 9th. Watch out for posters giving the time and place.

ker's Order scheme, is essentially in existence to combat this apathy and resistance by informing intelligent public opinion. Every student who signs a Banker's Order will be sent a series of dossiers which will contain articles by a variety of experts concerned with the problems of the developing nations. Ideas for future action will also be suggested.

We can all be armchair intellectuals. If you sign a Banker's Order, you will automatically become a part of the "Unlimited Company" of 3W1, which has the funds, the information and the organization to really make an impact in this country. It is up to you to contribute not only a small percentage of your income to overseas aid but to give us your ideas. The policy that 3W1 adopts — its success or its ignominious failure — is up to you. We do not offer badges or membership cards: we want your thoughts and your action. You will be contacted by a member of the existing 3W1 group at Imperial — or why not contact them via the Union?

"If it is demonstrated ... that it is the popular will to make a greater effort to help the Third World, the knowledge, organization, and the resources exist to carry it out."

(O.E.C.D. — Development and Assistance Efforts and Policies Review).

OSCA Appeals

In this age of greater social awareness, it is becoming increasingly obvious that the student can play a significant part in the life of the community in which he is so often regarded as a 'parasite', or at best a tolerated visitor.

The time has come for the Universities and Colleges to give up their roles as islands, set apart from their surrounding environments, from which students can observe the troubles and problems of the people all around them from the safety of their own private community. The opportunities are there for actual first-hand experience of life and the problems it brings to some people.

Throughout the country students are realising their great potential in the field of community service. In places like Liverpool, Sussex, Exeter and Hull students are involved in schemes which give them enjoyment and satisfaction, and also greatly benefit the community of which they are a part.

Student involvement in London is very low and prospective volunteers are not encouraged by the complex network of voluntary and statutory organisations in this field.

London OSCA organisation for student community action exists solely for students in higher education in the Greater London area and

is run, by students, as a clearing house to put you in touch with the type of job you would like to do. It has been found necessary to employ four former students to spend the amount of time that full-time investigation and evaluation demands. Imperial College has a society for involvement, the O.S.S., but even so the possibilities are very varied and no College Society can hope to do justice to every aspect of what is a very wide field. OSCA is working for YOU, and is here to be used.

There is a great deal of scope and many of the opportunities would never be listed in a social services director. These are practical jobs that benefit people directly. Some of your time at College can be spent in a way that will benefit the community and yourself, but you are never tied to a scheme; you are free to do as you like at all times.

If you would like to help, and that's what it comes down to when all's said and done, you can see us at the Freshers' Reception, or leave a note addressed to 'OSCA' at the Union office. If you want to come and see us personally, there will always be someone to welcome you at:— 28, Woburn Square, WC1. Tel. 580-0966, or contact the West London field officer, David Pullen at:— 59, St. Helen's Gardens, W.10. Tel. 969-9491.