

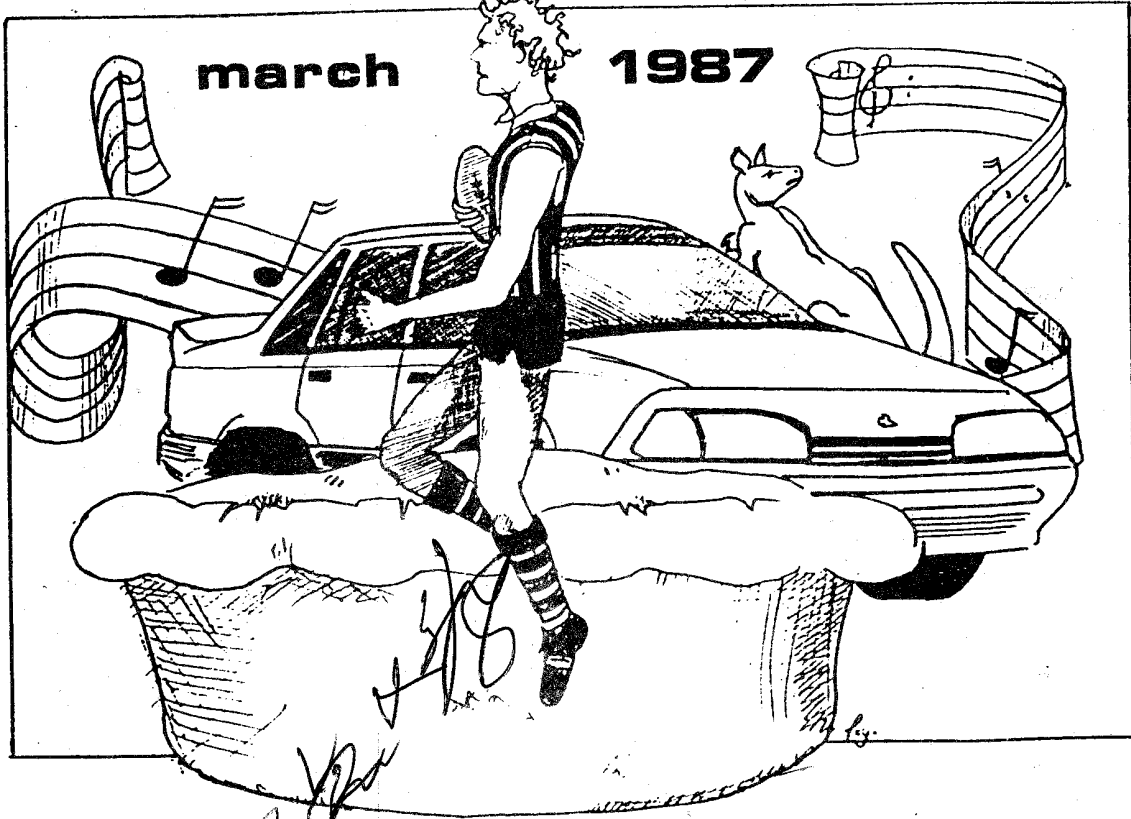


QWL



the X TEAM.

Engineering Newsletter.



YOUR COMMENTS OR SUGGESTIONS

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LETTERS:

THE EDITOR.
M/P 305



Hello everyone

Maria Lipic has resigned as Editor for reasons which she will explain in the next issue. I must congratulate and thank Maria for the job that she has done in getting this magazine off the ground. The recent survey showed just how popular it has become with comments such as 'We want more' and 'I want to get a copy more often'. Many other comments were made (mainly layout and content) and we have tried to incorporate them in this issue.

Meet our new QWL Co-ordinator on Pg 3. The next time you see him, stop him and have a chat, he wants to meet you. Some more 'in-house' material in this month, but we want more, so let's hear from you.

If you have an article, a cartoon, a story about your holidays, or you may want to welcome a new workmate or say goodbye to an old one. Write it out neatly or, preferably have it typewritten and give it to any of the X Team Committee or drop it into the QWL Office. (Gordon Adams' old office in the Machine Shop)

We are not afraid of criticism - we welcome it. So let's hear from you. This is your mag., to be written by and for the people of Engineering.

CLOSING DATE NEXT ISSUE

* FRIDAY 10th APRIL *

There are a number of mags floating around similar to this one and we are not in competition with them, but we do want to hear from you about what you want to read, or any improvements you would like to see. Make your comments on the cover and return to the QWL Office or MP 305.

Also- the Committee of this mag. would like to hear from anyone on the 2nd and 3rd floor who would be interested in helping produce this mag.

- Ed.

ENGINEERING

SPOTLIGHT



I was born in Linz, Austria, where I spent my first twenty-one years mostly occupied with my education (applied chemistry) which I rounded off with an additional two years of study in Germany. After two and a half years of employment with ICI-Germany, where I met my wife Ursula, we decided to see the world and travelled to Australia. It did not take long for us to decide that this is the country where we wanted to stay. Our two daughters, Christine and Melinda, are both born in Melbourne.

My first five years in Australia I was employed by ICI in their Central Research Laboratories before joining the Central Laboratory staff in the Spectrographic Laboratory here in Plant 11 thirteen years ago.

Recently I was offered the position of QWL coordinator. Why did I accept the change from an interesting, scientific career to a "people orientated" job? Let me quote Sid Harman:

"To fail to use the intelligence and capacity and knowledge and experience of the work force is one of the most greivous mistakes that management can make"

I am sure we all experienced at times the feeling that our talents were not fully used, our recommendations disregarded or decisions affecting our work environment were made that stifled our enthusiasm for and dedication to our job.

This type of "mistake" we will do without in future; in fact, our future depends on it! The creation by management of the QWL coordinator provides a guarantee for you and a unique opportunity for me to fulfill my ambition: to help create a work environment free of "mistakes", frustration and unnecessary problems. You think this is Utopia? If this is what we all want and work for, than this is what we will achieve. It is an opportunity for all of us; too good to pass up.

I am committed to do it. I gave up my career as Senior Analytical Chemist in Central laboratory (under protest from Lab management) and accepted the QWL coordinator position because I believe in QWL.

Next time we meet, let me tell you what you can achieve through QWL.

Manfred Tursky

Ĉu vi parolas esperante ?

It is now 100 years since the Polish oculist, Dr Zamenhoff, published his proposal for an international language. He realised that much of the hostility between nations arose from their inability to talk to each other. A common language would not resolve their differences, but was a necessary first step. He also realised that no national language would be suitable for this purpose.

He devised a language which is completely regular and logical in its grammar, spelling and pronunciation. This language became known as Esperanto.



For most national languages, the rules of grammar occupy one or more books and take many years to learn. The rules of Esperanto grammar can be written on a single page and learnt in less than an hour.

The vocabulary is also built up in a logical manner from a number of roots or stems derived from existing languages. Whereas English has 'father, mother, paternal, maternal, parents' as completely different words, the corresponding words in Esperanto are all derived from one stem - 'patr-'. We then have 'patro, patrino, patra, patrino, gepatroj'.

The net result of all this is that anyone can achieve the same fluency in Esperanto in one year of study as they would in four or five years in any other national language.

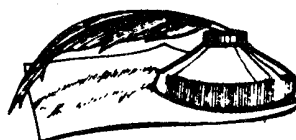
During its one hundred years, Esperanto has spread to practically every country in the world. Last year, the Universal Esperanto Congress was held in Beijing (formerly Peking) where over two thousand participants from more than fifty countries were able to talk to each other without the need for interpreters.

For anyone wanting to travel overseas, Esperanto is definitely the way to go. There is a worldwide network of delegates at your disposal, and one language will get you through every country that you are likely to visit. The delegates provide a personal contact and can often provide accommodation at cost.

The Australian Esperanto Association holds a national congress every second year with the next one due in September '88 in Brisbane. This will also be the Fourth Pacific Congress with delegates from China, Japan, New Zealand, and the West Coast of U.S.A and Canada.

There are Esperanto Societies throughout Australia, with the Melbourne Esperanto Society meeting at 10 The Crofts, Richmond on Monday evenings. Anyone interested can contact-

KEN ROLLS
ext 2388



TIME OUT FOR A STORY.

A FUNNY THING HAPPENED ON MY WAY TO WORK

CONCLUSION TO A 3 PART STORY

BY RAY AGIUS

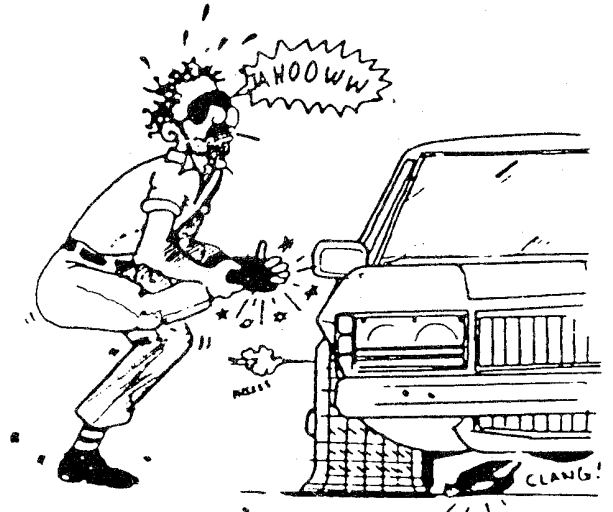
Beaconsfield Parade at 7.30 a.m. is as enjoyable a scenic drive as any in the fair city of Melbourne. Something like a Sunday drive with your mother-in-law. That is, if she is a 19 year old ravishing beauty with legs up to her armpits and lips that could suck the chrome off your bumper bar. However, by 7.55 it turns into Le Mans, Indi 500 and Luna Park dodgem car circuit rolled into one as every car, truck, panzer or combine harvester takes to the road hell bent on suicide.

There's your average yobbo, dare devil look on his mug, as his Dihatsu (Gizuntite) tops 60 flat chat on the main drag; a sliver of runny egg hanging on to his upper lip, curled up to give the sneer on his obnoxious rat face more emphasis.

The drivers jostle for space as fumes and unburnt poisonous gases hang menacingly over 8,762 Mad Maxes patiently waiting for Grandma Fritz and her dog to cross the road with complete disregard for the panic stricken "Don't Walk" sign flashing death. With a noise that probably left deep, unhealing cracks in the earth's crust, we hurtle down the road. Six seconds, 120 k.p.h. later, into a wide sweeping turn onto the straight where the Pink Vic sits in its grandiose obscenity, then another 20 metres riding the brakes to a screeching halt 2" from the next red light.

A cutie in aerobic leotards with leg warmers clinging protectively to her slim legs, a sweat band pulling at her hair for attention crosses the road. Outlined against the tight, stretched material of her transparent shopping bag lay a set of beautifully rounded, firm, perfectly shaped, mouth watering, ham and pickle rolls, reminding me the fine tuned rumble was my stomach not my 3-way 100 Watt, peak power, stereo speakers.

I look longingly at my Taiwanese designer tank top, decorated with a scowling Mick Jagger with a white milk stain seemingly hanging off his nostril, in hungry despair.



Horns blare as I'm 0.02 of a second late in planting the foot down on the gas pedal as the traffic light goes amber. The clock on the dash says 7.58 as Donna Summer melts off the last dregs of 'Love you, Baby', while I neatly avoid the cement mixer truck intent on imprinting its front wheel on my 'I ♥ Kalgoorlie' sticker hiding a rusted hole big enough to stash a spare tyre on the passenger door.

.. from Pg 5.

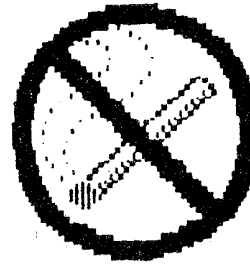
Majestically perching on a mattress of smog, the West Gate Bridge indicates my ordeal will soon be over. For the third time, the news came on as I bump over the first and scrape over the second speed ramp. Thankfully, the car park is near empty and parking is a cinch. A quick turn, reverse and scrunch my tail lights against the wire fence as the news commentator says, "That's the end of the 8 o'clock news, this day the 8th December 1986...". It suddenly dawns on me, it's my programmed day off. Calmly, with exaggerated movements, I slither out of the seat, shut the door, take a deep breath, pivot on my heels and, with a blood curdling scream, kick the fat, semi-bald tyre. The last 2 foot piece of exhaust pipe falls to the ground, the tyre develops a hiss and my foot hurts like buggery.

Life's a bitch when it's out to get you. A mental picture of Rufus skilfully inventing all sorts of physical abuse for my benefit materialises in my brain and, suddenly, the half mile walk to the service station, rolling a flat tyre doesn't look so bad.



CONGRATULATIONS

To Paul Camilleri, from the garage, and his wife Kim on the birth of their daughter - Olivia Maree - who was delivered on the 8th January 1987 and weighed 2980 grammes, and measured 48.5 cms.. A playmate for big brother Adam.



SMOKING OR NON-SMOKING AREAS

The debate on this question seems to be growing amongst workers in the Engineering Department. People from several areas have

already discussed this issue and have taken steps to put up non-smoking signs.

I myself have been a non-smoker for many years, but the question that is now being asked in the community is:-

"What effect does smoking have on non-smokers?" (Otherwise known as 'Passive Smoking'). I feel that this issue will not go away and more and more people will seek to have no-smoking signs erected in their areas.



John Mathieson
Panel Shop

WHO WAAAS THAT MAN ???

... seen at a popular Eastern Victorian holiday resort putting up the annexe on his caravan with the aid of a STEP LADDER.

... seen coming home from a cricket match at the M.C.G. in the back of a very large courtesy car driven by a chauffeur in a blue uniform.

GOODBYES

Paul Bennett (Machine Shop) has left the company to live the natural life on his property in Ballarat. Seemed an awfully long way to commute to work anyway. We will miss his quiet manner and friendly face.



QWL REPORT

A number of QWL Groups are currently operating and have achieved a variety of improvements in their working life, by changing the surroundings in which they work and have found some easier ways to work.

The Stores have been running a group for a year now, and you will agree that they are a more approachable bunch of people and that they continue to improve the service that they provide.

Some of the many things that they have done for themselves :-

- * expanded the store into plant 5
- * obtained a 'phone there
- * visited GMP&A
- * obtained- hydraulic hand fork battery-charger picking trolleys (for making up the 'lots' of items that you use)
- * production of this mag.

Other groups have been running for only a short time, so haven't finished many of their projects yet but they are working on it. Some of their projects:-

Pattern/Plastic Shops.

- * had toilets cleaned
- * window winders being lowered to where they can be reached
- * looking at buying or building a fibre glass cutting booth
- * noise reduction in the area
- * a number of safety items highlighted and brought to the attention of the safety reps..

Trim Shop.

- * found a new avenue for supplies where previously they took weeks to arrive now takes a day.
- * snack-food dispenser

DOES Q.W.L. MEAN BARBIES ?

QWL does not necessarily mean BBQ. It doesn't mean that someone will come along and paint your walls and hang pot plants around your bench.

QWL is about problem-solving in groups. If you see something wrong or can see a better way of doing something- let's get together with your workmates and set about fixing it.

QWL is not free gifts - it is not a magic wand that can be waved and then -HEY PRESTO- everybody happy. That makes as much sense as a two-year-old demanding that his mother amuse him.

* * * *

Barbie Squad.

- * A group of interested people got together to look at setting up an outdoor eating area/BBQ area and a recreation area indoors. Anyone who may be interested in using any of these facilities should contact any on the Squad. Their names are well advertised on bulletins around the Shops.

Representatives of a number of Shops got together to re-arrange the layout of the working area around the Pattern/Machine Shops. A number of groups gained space from this meeting. The Trim Shop gained access for getting cars into the workshop and extra room for working on them. The Painters gained room alongside the carpenters, the Pattern Shop retained the full use of the woodmill which was planned to be reduced in size. An area is being looked at for possible use as a QWL Conference Room, but more about that later. The Maintenance Electricians have doubled their working area.



APRIL IS RATES MONTH

DON'T GET CAUGHT NEXT YEAR WITHOUT ENOUGH FUNDS TO PAY THEM ON TIME.

JOIN YOUR CO OP

AND LET A PAYROLL DEDUCTION TAKE THE WORRY OUT OF PAYING RATES.

EXAMPLE:- RATES BILL = \$520.00
CO-OP PAYROLL DEDUCTION = \$10.00 PER WEEK
*** BINGO *** 52 X \$10 = \$520
"NO MORE RATES PROBLEMS"

PLUS

YOUR 7% INTEREST ON A NOMINAL ON CALL SAVINGS ACCOUNT WILL

MORE THAN COVER YOUR \$11 JOINING FEE.

AND

YOU BECOME PART OF A GROWING TEAM OF HOLDEN'S EMPLOYEES WHO SAVE, BORROW AND ENJOY ALL THE SERVICES YOUR CO-OP HAS TO OFFER. COME DOWN AND SEE THE STAFF IN PLANT 5 AND LET THEM TAKE AWAY ALL YOUR MONEY PROBLEMS.

QUOTE OF THE MONTH:

PUNCTUALITY IS SOMETHING THAT IF YOU HAVE IT, THERE'S OFTEN NOBODY AROUND TO SHARE IT WITH YOU. -H.BAKER

* * * *

? ? DID YOU KNOW ? ?

... that you can get NEWS about the Automotive Industry by ringing 2599.

You will get a taped message with news and interesting snippets about our industry. The tapes are changed daily just so you won't get bored.

... that there is a For Sale book kept on the counter in The Drawing Office, where you go to get prints made. The items are a lot newer than we could get them in this magazine.

... that we have here in Engineering a couple of accredited 'men-in-white',

Dave Birrell 'Equipment Engineer' is a member of the Victorian Lawn Tennis Umpires Association, and has 'sat' at many of the big matches, Davis Cup and Australian Open among them.

George Hatzi is a referee with the Victorian Soccer Federation and is now working his way up through the grades towards the big-time National League.

XMAS AT LANG LANG

The end of the '86 year was getting close and as usual word went around for any people to go on the committee to organise the Lang Lang picnic.



Well, I decided to have a go and I involved myself in the organisation of this event. I thought it would be an easy job but found out it was a handful of work to organise, but still a worthwhile experience.

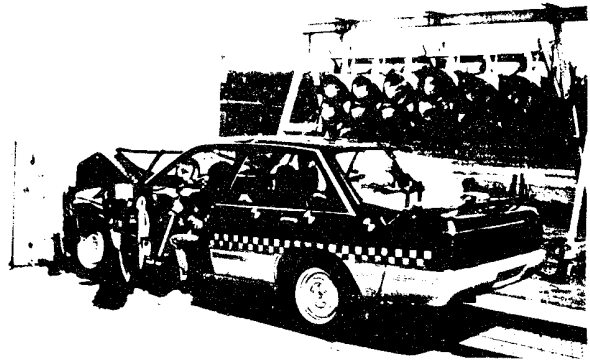
Apart from two hour meetings once a month, there was work to be done at the Test Track. I spent three days mowing lawns, setting up witches hats, barriers and BBQs around the place. WHAT A JOB. At the end of the first day I had blisters on my hands (unusual huh?), but so would anybody if they had mowed five ACRES of grass.

The weather on Sunday 14th December was overcast, with a few showers but clearing up later in the day.

Starting time was 11 o'clock, but most people arrived early to get their spots for lunch.

First up was a driving demonstration by Brock and his race team. They were simulating a 'pit stop', jack the car up, change all four wheels, fill the tank and go. The car coughed and spluttered going around corners but the demo. was good.

Then the guys from Lang Lang put on a demo. of what tests are done on Holdens, e.g. tyre blow-out at 100 k.m.h., rock cycles and 'J turns'. The clown car go-carts and Father Christmas all put on a good show for all.



After that it was time for lunch which lasted about an hour. Then the highlight of the day - the barrier test. A crowd started to gather around the barrier area, with Tony Brougham telling us how the test was to be done and what safety procedures were needed to ensure that everything went OK.

The car, a VK Calais, was to be pulled into the barrier at about 57 k.m.h.. Everybody went quiet as the car hurtled down the track, a loud BANG, and it was all over. The front was flattened completely and all four doors still opened OK.

The crowd flocked to see the outcome of the test. I couldn't even see it was so crowded.

After that, tours of the track were conducted by the Grenda's Bus Co., with tours around steep hills, dirt tracks, rough tracks, ride and handling and speed loop.

Any odds it was a great day, a pity the weather wasn't so great, it deterred a lot of people.

Thanks to everybody who made the day such a success.

Alex Angelico (ACE)
ext 2172

ERNEST WALTER YOUNG Senior Project Engineer, Dynamometer Laboratory died on March 4 after a long courageous fight with cancer.

He leaves a delightful wife, Evelyn and three small, energetic bright-eyed children - Greg, Libby and Helen.

Ernie grew up on an orchard in the Shepparton District, one of five children and inherited those endearing qualities characteristic of country folk - trust, generosity, friendliness and honesty.

Educated at the Bendigo School of Mines, Ernie was, literally, a mine of information.

We had no need for a Thesaurus, we had Ern to spell it, nominate the appropriate word, correct our grammar, advise us about our gardens, answer questions on 50's music or lend us his weekly times.

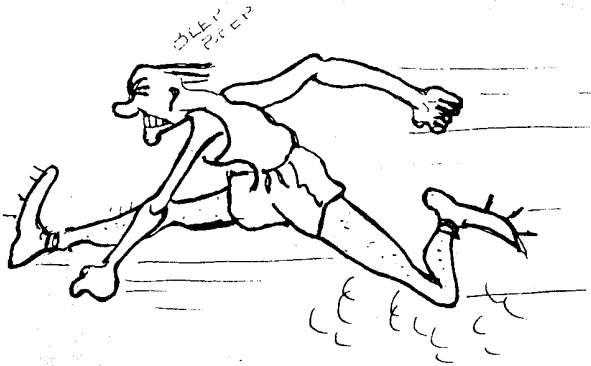
He had a distinct fondness for sporty cars and from memory had owned a 'bug-eye' Sprite MGB, Alpha GT, Torana SLR 5000, several Holdens, a beautifully restored Triumph TR4 and his most recent project, a rather ambitious TR2 restoration.

This winter will be a cold one without Ernie and his beloved camel Duffle Coat.

A good and gentle friend, Ernie, enriched our lives - he fought for life with such courage and without complaint - an example to all who knew him.

Ernie was just forty-two - we will miss you, mate.

SPORTS



HAPPY NEW YEAR one and all.

After indulging over the XMAS break you should all be ready to hit the road again.

This year ex company employees are also invited to compete with present employees in the PUMA Cup competitions. There is room enough for all this year, as we are running two teams.

An added incentive this year will be the "SUBSTANTIAL" refreshments offered after each run to all competitors.

Tagged onto the end of each article this year will be the running history of one of our team members.

Victim No 1 is 32 year old Norm. McGuinness from the Inspection section of Plant 3.

Norm. who is an original "ROADRUNNER" has been hitting the road for 13 years. He started running to maintain weight control and fitness and competed in his first 'FUN RUN' in 1980.

The 1980 SUN SUPER RUN over 17.5 km took him 1hr and 22 minutes to complete. Six SUPER RUNS later in 1986 it takes only 65 minutes and 22 seconds.

Norm. completed his only marathon in 1983 in 4 hrs and 9 minutes. His preference for FUN RUNS is shown by his having competed in 30 since 1980. Come on all you procrastinators, get your running shoes on and become a 'ROADRUNNER'.

Until next time "DEEP BEEP"

ERINMORE SHIELD (GOLF)

The Shield was played for in very windy and cold conditions, which made scoring very tricky. Not all nominated players turned up on time, maybe this says something about the early starting time. The results of the competition were as follows:-

WINNER'S OF THE SHIELD

MICK ELMER 32pts (m/c shop)
JIM REID 44pts (front office)
(Handicapper note 44pts score)

BEST INDIVIDUAL SCORE

BOB WRIGHT 32pts (panel shop)

LONGEST DRIVE

GUS JIMINEZ (trim shop)

NEAREST THE PIN 9th & 18th

MARK COOK (front office) 9th
DARREN MILLS (m/c shop) 18th

The BBQ held after the game was delayed for a short time when our handicapper locked his keys in the car boot, but this problem was soon rectified and everyone enjoyed B.A. cooking.

So till next year, good golfing in 87.

JOHN MATHIESON
panel shop



GRAND CRICKET MATCH

NORTH v. SOUTH

The North team was selected from the Trim Shop, Pattern Shop, Machine Shop and the Store. The South team was selected from the Panel Shop, Rigs and Garage. The services of a completely unbiased umpire were obtained - namely - Mister Bobco.

* * * * *

Rain through the early hours of Sunday kept the crowds away from the M.C.G., where a minor match was to be played in some obscure one-day comp., and they all came along to see the Match of the Century at Lagoon Oval.

The clouds cleared, blown away by a cool Southerly, and stayed away for the remainder of the day.

Under the clearing sky the South's opening batsmen headed for the centre to be greeted by a fire-breathing Gus Jimenez from one end and the terror of the North - Noel Peters.

The South side were quickly in dire straights when 'Lumbering Gary' was caught short of his crease. Then a procession of batsmen followed him to the Drinking Pavilion on the western side of the ground. Mick Booker was bowling a tight line from one end and the contest hotted up.

At 5 for 36 the match looked like not lasting the distance, but then, along came Craig Grainger (30 runs) and Charlie Galea (27 runs) who knocked up some quick runs with Big Bad Butch (30 runs).

Some more game hitting towards the end of the innings saw the Southerners finish their allotted overs with the respectable total of 9 for 159.

During the change over between innings a number of players were seen banging on the door of the Rubbity. I'm not sure why, but it seemed like some sort of primitive ritual from where I stood.

With the air of Sir Don the Duck, the Northern openers strode out to the middle.

Butch (the Tearaway) was soon into the job at hand and he tied up one end while at the other a good line was bowled by Craig. Runs were at a premium as Jimbo followed on with more good bowling restricting the run rate.

Just as the scoreboard was threatening to fall over due to a lack of interest shown in it, Noel Peters came in and made a chanceless 30 runs. Then Paul stepped in and threw the bat around adventurously in the vain search for quick runs. But, alas, all to no avail. As the run rate climbed past Everest the crowd stifled a collective yawn and for amusement sought out raffle ticket sellers who happened to be passing by. The Northerners finished their innings at 9 for 131, well short of the target but a game effort.

Catch of the Match was taken by Vince, one handed, as he fell over his Stubbie.

An enjoyable day was had by all, and the general consensus was to do it all again. The barbies were lit and the tinnies opened and many stories told of how 'if only I had made contact with the ball....'.

* * * * *

During the last few days before the match a raffle was run with prizes bought at very little expense through a little gentleman who is good at finding that sort of bargain. Many thanks Dave. The proceeds of the raffle went towards the Barbie and Recreation Area, which we hope to see materialise soon in locations to be announced.

The lucky winner was drawn by our umpire and the name is - wait for it - John LeMarchand. Congratulations John.

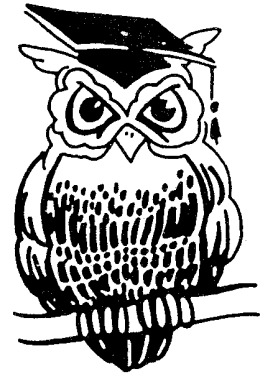
The Spectator

BRAINTEASERS

by

PROF. INBAR

No. 4



1. How many times can you subtract the numeral one from the numeral twenty-five ?
2. What is the closest relationship that your mother's brothers brother-in-law could be to you ?
3. How is it possible for Jim to stand behind George, and George to stand behind Jim.... at the same time ?
4. A camp cook wanted to measure 4 litres of water out of a jug but he only had a 5 litre and a 3 litre container. How did he measure out the 4 litres ?
5. Can mice sing ? Yes or no ? Explain why.
6. Why are bulls particularly excited by the colour red ?
7. Why don't sleeping birds fall off their perches ?
8. In a church steeple, 2 bell ropes hang down to the floor, through 2 holes 30 cm apart in the ceiling. An acrobatic thief wants to steal as much rope as he can, but there are no stairs above to the ceiling, and no other objects on which he could stand, or use to get up high. He must climb up the ropes hand over hand, and cut them at points as high as possible. The ceiling is so high however, that a fall from even one quarter of it's height would be fatal. How can he obtain the maximum amount of rope ?
9. You have to move a large, heavy safe, so you obtain a platform and 3 rollers on which to move it. Each roller has a circumference of one foot.
Question... for every complete circle of each roller, how far does the safe move ? One foot..two feet..three feet ?
10. Two apple sellers each had 30 apples for sale. The first sold his for 2 @ 1c. and the second at 3 for 1c. When all the apples were sold, their respective receipts were 15c and 10c, or 25c in all. They then decided to combine and sell their apples together from one lot, and at the same (total) price ...60 apples at 5 for 2c. (made up from 2 @ 1c plus 3 @ 1c. = 5 @ 2c.). However, when they sold out, their total takings were only 24c. (60 divided by 5 @ 2c.)
..... When they sold them seperately they got 25c. Now when they sell them together, (for the same amount) they only get 24c.
Question ... where did the other cent go ?



Answers overleaf.

No peeking now.



brainteasers answers

No. 4

- 1 Once only. Because after the first time, you are left with 24 to subtract from.
- 2 Father
- 3 Back to back
- 4 He filled the four litre container and poured it into the five litre container. Then he filled it again, and poured it into the five until the five was full. That left one litre in the three litre container. Then he emptied the five back into the jug, and poured the one litre that was in the three into the five litre container. Then he filled the three and poured it into the five....making his four litres.
- 5 YES. The mouse's song is a high, wiry, warbling little trill similar to a canary's. We can't always hear it, because its frequency is very high. I wife, Evelyn
- 6 They're not...because they're colour blind. Believe it or not.
- 7 Because the tendons that cause toe-curling pass around the back of their ankle joint, and as soon as the body weight bends this joint, the tendons pull the toes into a tight curve, which hold onto the perch firmly.
- 8 He first ties the lower ends of the rope together. He climbs rope A to the top and cuts rope B, leaving just enough rope to tie into a small loop. Hanging by this loop, he cuts off rope A at the ceiling (without letting it fall) and passes the end of A through the loop and pulls it through until the knot at the bottom of A is at the top. After letting himself down this double rope he pulls it free of the loop, thereby obtaining the entire length of A and almost all of B.
- 9 Two feet. Firstly, think of the rollers lifted off the ground and supported at their centres, which are stationary. Then one revolution of the rollers would move the platform one foot. Secondly, now think of the rollers on the ground, without the platform. Then one revolution will carry the CENTRES of the rollers FORWARD one foot. Finally, if we now COMBINE these two motions and put the platform on top of the rollers, it is obvious that each revolution of the rollers will carry the platform and safe FORWARD by TWO FEET.
- 10 They miscalculated, and actually sold the apples at the rate of two and a half apples per cent. That's where the missing cent went. They really should have determined their price by dividing the total of apples by the total number of cents, i.e. 60 divided by 25.... = 2.4 apples per cent.