your dealer cannot-or will notsend you & & CARLING'S ALE or PORTER better go to a place where good goods are



ATENTS IN PROMPTLY OBTAINED

WISE & BEAUDRY, CIVIL ENGINEERS 107 ST. JAMES ST., MONTREAL

VACUUM OIL

Makes Machinery Run smoothly and cheaply. Saves wear and tear and fuel. Made by the Vacuum Oil Co., under *** FARMERS *** Insist upon your desier formening Vac-num American Pulp. Take no other

Canadian Office and Works VACUUM OIL CO. -50 Esplanade Rest Toronto

SAUGEEN

MAGNETIC MINEREL WATER-Southampton.

Is highly recommended by Prof. Pyne, Dominion Analyst, Toronto, for per-sons suffering from either rheumatic taints of constitution, or habits of con-stipation. It is a most palatable table water, and is absolutely pure. Recommended by leading physicians. A trial will convince you that it has merit of a high order. For sale by Central Drug Store and F. A. Robert. 19

When =need=A

Package of Laundry done in the very best possible manner seat it

Parisian Steam Laundry

Co. TELEPHONE 20

Eggs for Hatching

From Barred Plymouth Rocks, and Black Minoroas, all from the best selected stook, good healthy birds Roceived first prize at the Peningular Exhibition for heaviest eggs. order for setting of 13 eggs \$1. special Price for large quantities. All orders promptly filled.

W. W. Everitt,

Sterling & Kovinsky

Rags, Rubber, Iron and Metal

HIGHEST CASH PRICES PAID. MAGNOLIA HOUSE.

 Ontario Chatham

Canada's Best is the World's Best



The Canada Business Chatham, Ont.

Has undoubted claim to this distino

tion in Canada. This is Canada's greatest year. This is our BANNER YEAR, both as to attendance and the success of our

Six calls have been made upon us during the past six weeks to supply leading Canadian and American Busi-ness Colleges with our graduates, to fill positions as teachers in their schools next fall.

Over 150 of our pupils have secured sositions with first-class business nouses since Sept. 1st, 1899. What do you think of this record?

DOES IT NOT PAY TO ATTEND THE BEST.

Write for catalogue of either de-D. McLACHLAN, & CO., Chatham. Ont.

The great amount of design work done at the Victoria Avenue Green Houses is sufficient proof of the excellence of the work. Nothing but the best at the lowest prices. Telephone

THE MARKETS VERY SURPRIS-ING REPORTS.

Come in for Dr Pitcher's Back

ache Kidney Tablets Cures-

are Made of Ills They are

advertised to cure.

and inconvenienced me not

ney Tablets absolutely free by enclos-

paper.

If you are convinced Pitcher's Tab-

If not obtainable at druggists, mailed free of stage on receipt of price.

sheep and yearlings, but trade was

easy with a weaker tendency.

There was a light enquiry for spring lambs, and prices were lower.

Far too many thin hogs are coming

in, but generally the market is a good

one and prices are firm.

For prime hogs scaling from 160 to

200 lbs. the top price is 65-8c; heavy hogs, 6c.; and light hogs, 53-4 per lb.

When a boy turns his bulging pock-

et inside out we marvel at the quantity and variety of articles he has stowed away. Odd lengths of string, marbles,

a horse-chestnut, a top, brass nails, hickory-nuts, an apple, and many more

articles are garnered by this "snapper up of unconsidered trifles." We think the collection must be hard on a boy's

pocket. And it is. But do we ever think of the variety and miscellany of the substances we put into the pocket of our stomach? There's the apple

and the nuts, and things besides quit

as indigestible as brass nails and with

it can be perfectly and permanently restored to health and strength by

the use of Doctor Pierce's Golden Med

ical Discovery. The action of this medicine on the stomach and other

organs of digestion and nutrition is so marked, that relief from disease i

at once experienced, and the head-aches, liver "troubles," kidney disor-ders, skin eruptions and other symp-

toms of a diseased stomach are quick-ly cared. Whenever the use of a laxa-

ive medicine is indicated, use Dr

Seventeen Years of Torture.

Some people who don't claim to

their knowledge than those who think

Will Work at Night.

Conntless thousands have found a blessing to the body in Dr. King's New Life Pills, which positively cure Constipation, Sick Headache, Dizziness, Jaundice, Malaria, Fever and Ague and all Liver and Stomach troubles. Purely vegetable; never gripe or weaken. Only 25c., at A. I. Mo-Oall & Co.'s Drug Store.

According to the latest discovery of

science you should never kiss a man on the top of his head; it will make

HEADACHE AND NEURALGIA

CURED IN NO TIME.

harmless. Cure rheumatic and sciatic

using Dr. Price's Pain Pillets. Sure

they know it all.

cians.

CHATHAM GRAIN MARKET .;

Douglas Stevens, of the Kent Mills gives The Planet the following.: Wheat-Market steady; very little moving, The mills are paying 65c. The rain for the past few days has improved crops wonderfully and there will be a good average yield. Kan-sas expects to harvest 85 million bushels of wheat. As a result the pros-pects are that the price of wheat, although it may strengthen for a few weeks, will ultimately go lower. Corn-Market weaker. Dealers are

paying from 36 to 38c a bushel.
Oats—Market gradualy going lowr. The demand has dropped off. Beans—These are holding just about the same. The Detroit market holds Barley—The bottom has dropped clean out of the market. There is no demand for it.

Wheat, 65c. Mixed oats, 25 to 26c. White dats, 26c.

Corn, shelled, 35c.

Pease, (seed, imported) 80 to 90

Beans, \$1.30 to \$1.40. Buckwheat, (seed) 65 to 75c.

Barley, 70c

Alsike, \$5 to \$6.50. Red clover, \$5.25 to \$6. Timothy, \$1.25 to \$1.50. HAY AND HOGS. Hay, timothy, per ton, \$7 to \$7.50. Hay, clover, \$5.50 to \$7. Hay, baled, \$8.50 to \$10. Live hogs, \$5.50 to \$5.75 for hogs from 170 lbs to 200 lb., \$5 for lights

LOCAL WOOL AND HIDES. Woo', washed 15c cash; 16 trade. Wool, unwashed, 10c trade; 8 to 9c

Calf skins, No. 1, 8c, No. 2, 7c. Sheep skins, 30c to \$1. Spring lamb skins, 15c. to 20c. Cow hides No. 1, 6c; No. 2, 5c. Horse hides, \$1, to \$2.

HOUSEKEEPERS' PRICES. Some of the good results of the re-ent rain were shown on the market this morning in the abundance of all grain stuffs and products of the garden. The offerings in fall lines were exceedingly choice. Asparagus sold at 4c. a bunch, onions 3 to 5c. a ounch, and lettuce 2 heads for 5c. In the shed both butter and eggs were scarce. Eggs sold at 11c. a dozen and butter at from 15 to 16 cents a pound. A few loads of potatoes offered on the est side of the market at 50c, a bag but sales were slow. Butter 15c to 16c.

Eggs, 11c. Potatoes, 50c to 60c. a bag, Unions, yellow, 20c., white, 30c. Parsnips, 10 to 15c. a peck. Carrots, 10c. a peck. Rhubarb, 2c. a bunch. Asparagus 4c. a bunch. Green onions, 2 bunches for 5c. Radishes, three bunches for 5c. Lettuce 20c. a pound. Tomatoe plants, 15c. a box. Cabbage plants, 15c. a box. Chickens, 25 to 35 cents. Spring chickens, 30c Ducks, 25 to 30c. Turkeys, 75 to \$1.25. Lamb, 6 to 7c. Mutton, 5 to 6c. Pork, 7c to 8c.

FISH MARKET. Mullet and care, 10 to 40c, aplece. Herring, 25 to 30c. a doz. White fish, 7c. a lb.

TORONTO BEAN MARKET.

Toronto June 2. Choice, handpicked beans are worth from \$1.70 to \$1.70 delivered here; and resell at \$1.85. TORONTO GRAIN MARKET. Toronto, June 2.-Wheat .- Outside

markets continued almost at a dead level. Local business was light, and the prices were unchanged. Quothe prices were unchanged. Quotations are as follows: - Ontario, red and white is worth 641-2 to 65c, north and west; 651-2 to 66c, east; goose wheat, Tic; east; and 70c. west; spring east, 66c; Manitoba No. 1, hard, 76 1-2c, Toronto and west; 78c, g. i. t., lake and rail, and 73 to 73 1-2c, Owen Soural. Flour—Dull. Straight roller in buyer's bags, middle freights, \$2.50 per bbl., bid.; and \$2.60 asked. Special brand, in wood, \$2.90 to \$3.

Millfeed—Dull, Demand diminishing. Bran \$13 to \$13.50 asked; and shorts \$14 to \$14.50, asked, west.

Corn-Quiet. No. 2 American yellow at 441-2c. on track here; and mixed at

Pease-Quiet and easy. Holders show some disposition to clean up for the season. Car lots, north and west 7c. and east, 58c.

Barley - No 2, 39 cents, west, and Rye-Firm. Car lots 51c west and Oats—Easy. White oats, north and west, 261-2c.; and east, 271-2c.

Buckwheat—Quoted at 50c west,

TORONTO DRESSED HOGS. Toronto, June 2 .- Dressed hogs unchanged. At farmers' wagons choice bring from \$7.50 to \$7.75.

and 51c east.

TORONTO LIVE STOCK. Toronto, June 2-Only 60 car loads of live stock came into the western of live stock came into the western cattle yards this morning. The supply was made up of 1,600 hogs, 950 cattle, 200 sheep and lambs, 50 calves, and a few milkers.

We had a brisk market and everything was sold out by the early after-

Shipping cattle was not quite so firm to-day, and 5c. was the best price paid The range was from \$4.25 to \$4.75 and \$4.90, with \$5 per cwt, for picked lots.

We had a moderate supply of stock-ers, which sold at steady unchanged A few export bulls came in and sold

at steady prices; the range was from 31-3 to 4 1-2c. per lb. Feeders were only in light supply at changed figures. changed rightes.

Good mileh cows were wanted, and only a few came in, most of the supply being decidedly second class.

Choice veal calves sell well up to ten dollars each, but rough calves are weak and scarcely wanted.

pains toothache, 25c, PAINS! RHEUMATIC, SCIATIC, OR NEURALGIC CURED. By Dr. Price's Pine Oil. Cures ear-ache, backache, toothache, in fact Aches and Pains of any kind. 25c. weak and scarcely wanted.

No quotable change occurred in gists, Chatham, Ont.

The City is Free From all Cor tagious Diseases

Except Measles-Trouble Over a Ditch on Sheldon Avenue.

Not Advertised For. A mass of strange symptoms are of-ten reported as relieved by Dr. Pitcher's Kidney Tablets, symptoms that are generally common to other diseases than those of the kidney and bladder. This, however, is not at all surpris-ing when we consider the fact that the

kidneys, the urinary tract, and the bowels, are the great waste pipes of the system, and the perfect working of these organs means the elimination of all sorts of material that retained and reabsorbed would only cause trouble in all directions. It is due then to this riddance of the system by the

kidneys and bowels of waste-and dan-gefous substances, liquid and solid, that relief is obtained by so many in-stances from symptoms they are not Mrs. James Keeley, Thames St. Chatham, says: "For a long time pain in the back has been persistent I laid it to overstrain and kidney trou ble. I procured a bottle of Dr. Pit-cher's Backache Kidney Tablets at A. I McCall & Co's drug store, and am pleased to say the pain is a thing of the past. They were gentle in effect which is a decided difference from most medicines and make them easy to

take."
If you have the slightest symptom of k a ney or bladder trouble you can test ments have been made whereby every reader of this paper can obtain a trial package of Dr. Pitcher's Backache Kidnorth side of Wilson Ave. Received. ing two cent stamp for postage to The Pitcher Tablet Co., Toronto, Ont. When giving address mention this lets are what you want, you can obtain regular size bottle for 50c per bottle. y Bishop Wilmore, the report of Mr.

> Dr. Hall's report was taken up.
>
> O. B. Hulin wanted to know how much pipe it would take to put in the sewer recommended by Dr. Hall.

> that the ratepayers first notified the council and they referred the matter or the board of works.
>
> Dr. Hall said the ditch complained

> of was 31-2 feet deep but it had been poorly constructed and had no fall. The barn yard had been undrained for long time and the drainage spread out in the ditch. If the board of works takes action, the parties benefit-ted will have to pay for it. The en-gineer says there will be sufficient Dr. Baker moved that the recom

> mendation of Dr. Hall be complied with. The motion carried and the board adjourned.

no more food value than so many mar-bles. And yet we wonder that the stomach "gives out." When the sto-mach breaks down under the strain of careless esting and irregular meals

arles-The Star Course to

be Made Still More Attractive.

Pierce's Pleasant Pellets. They act in harmony with the "Discovery" and assist its action by purging the bowels of foul accumulations. Burt, \$11.13; Remington Typewriter Co. The C.C.I attendance for May reported by the principal as follows: 7 enlolled, 7 average " 34 · " 24 " form 3a

form 1b form la Commercial he doesn't possess when he appreci-ates the bright things you say. 218 " 187 " Totals

"I had a bad cough for seventeen years," writes Mrs. Sam'l Hamilton, of Lawnville, Tenn. "No doctor or medicine could cure it until one year ago I began to use Dr. King's New

kets, the liberal patronage given, the warm interest manifested and the educative and recreative character of the entertainments ago I began to use Dr. King's New Discovery for Consumption, which did me more good than all other medicines I ever used. It is truly a grand cure for stubborn Coughs, Colds and Throat and Lung troubles." Positively cures Consumption, Pneumonia, Grip, Bronchitis, Asthma, Hay Fever and Croup. Price 50c. and \$1. Guaranteed. Trial bottles free at the Drug Store of A. I. McCall & Co. in general, warrant me in saying that these course are meeting a felt want in the com-numity, and are proving to be a valuable auxiliary to the ordinary work of the school. In the light of past experience even better results may be obtained in the future - I respectfully ask the board to ap-point one or more of its members to act on the lecture committee of the next season." The report was referred to the committee know very much, make better use of

SALARIES INCREASED. Chairman Bell reported :- Your com mittee on internal management having con-sidered the question of re-engagement of teachers for the ensuing year beg to report

as follows:

The committe recommend that all the teachers be offered a re-engagement at their present salaries respectively except that the following members of the staff should have an increase in their yearly salary as follows:

Mr. Lane \$100, Mr. Jewett \$50, Mr. Black \$50, Mr. Mowbray \$50.—Report adopted as follows: \$50, Mr. Mowbray \$50.—Report adopted
The report of the comparative examination record of the educational department
was submitted It says,—In the same year
(1899) Chatham C. I. pupils won fifteen
first-class honors at the university matriculation examination—a record surpassing
that of all other schools in the province but
London C. I., which has seventeen to its
oracitic

BOARD OF HEALTH STATEMENT

'The board of health met yesterday afternoon. There were present — Chairman Dunlop, Dr. Baker, O. B. Hulin, Bishop Wilmore, Medical-Health Officer Hall and Inspector

Guttridge.
The medical health officer reported as follows: Since your last meeting a few cases of measles have been re-ported, but no other cases of contagious disease. The shipping of hogs at the G. T. R. is still the subject of numerous complaints and the board should leave nothing undone to rem-

edy the nuisance, which will be a growing one, probably, with the heat of summer.

An open drain has been constructed on Shedon Ave. extending from a point near Cornhill street to Poplar treet. street. It is quite deep for an open ditch and is so constructed that the drainage from an adjacent cow byre spreads itself out stagnant in front of adjacent dwellings, much to their of adjacent dwellings much to their disgust, breeding flies and by foul emanations jeopardizing their health. I would recommend that the board order a six-inch-or eight-inch tile drain there in place of the open ditch.

Received.

A petition, signed by Wm. L. Fife, Mrs. Sarah Bishop, Mrs. D. Sylvester, N. B. Ebere, W. Fulierton, Charles Brooks and G. A. Thompson, was presented to the board. The peti-tion was from the ratepayers on the west side of Sheldon Ave, and was a protest against the culvert put in across Sheldon Ave. to drain on the R. S. Dunlop reported for the committee appointed to meet the water commission in re river pollution. Mr. Dunlop said that the committee had looked into the matter and found every care taken at the waterwarks, the committee had not thought it necessary to meet the commissioners. On motion of O. B. Hulin, seconded

Dunlop was accepted, Dr. Hall said the distance was about block and a half. City Clerk Merritt-I might explain

All Present Teachers Will be Offered Re-engagements

Some of Them tiet Increases of Sal

There were present at the meeting of the C. C. I Loard yesterday afternoon Chairman J. E. Thomas and J. C. Fleming, Thos. Scullard, Rev. Dr. Battisby, C. J O'Neill, Edwin Bell and J. W. White. Accounts were passed from the T. H. Taylor Co., \$5; W. J. Kenny, \$15.25; R.

Many a man while awaiting an op-portunity to pose as a hero makes his wife get up every morning and light the fire. Minard's Liniment is used by Physi-" 21 27 Ask for Minard's and take no other. Even a fool gets credit for wisdon

Principal Paterson submitted a full and detailed report of the star course series of the past season, enclosing financial report. The principal concluded his report as fol-

"The large and ready sale of season tic-

The first class honors won were three in English, three in mathemat three in English, three in mathematics, two in classics, four in history, two in French and one in German. Besides, Chatham had 22 candidates at the Junior Leaving and second class teachers' examinations, ranking fourth in this respect among the 37 collegiate institutes in the province. This may fairly be called "a maximum of results and a minimum of expenditure."

That Command Attention and Inspire Hope

Paine's Celery Compound THE NEVER-DISAPPOINTING

BANISHER OF SICKNESS AND DISEASE.

The statement that Paine's Celery Compound builds up sickly, weak and rundown people, is true in every par-ticular. It is also true that Paine's Celery Compound is the only medicine in the world that can successfully grapple with obstinate and long standing cases of disease and give to sufferers active limbs, pure blood, clear complexiton healthy appetite and perfect digestion. Scores of able and reliable physicians, prominent drug-gists, legislators, merchants, and leaders in society can bear testimony to the wonderful cures wrought by Paine's Celery Campound during the past spring months.

Some facts and statements should be sufficient to convince all doubting and despondent sufferers, and inspire them with a determination to test the world's great healthgiver. Mr. Chas

W. Ross, Department of Railways and Canals, Ottawa, writes thus: "For a long period of time I suffer-ed from the pains and tortures of neuralgia, and the effects to my general system were so serious and alarming that my doctor ordered an ocean voy age. I went to England at considerable expense, but had to return to Canada almost as bad as when I left it. After getting home I determined to commence the use of Paine's Celery Compound, as it was strongly recom-mended for such troubles. After using the medicine for alshort time the results were most pleasing and gratifying. The attacks became less frequent and less severe, and soon the whole trouble was completely banishwhole trouble was completely balashed. I have not experienced a pain or ache for months. I take great pleasure in recommending such a marvel-lous medicine to all neuralgic sufferers. Paine's Celery Compound has as-tonishing virtues and powers, and will certainly overcome any form of neur-

An egotist is a person who thinks it a waste of time to listen to what others have to say of themselves.

He Fooled the Surgeons. All doctors told Renick Hamaton, of West Jefferson, Ohio, after suffering 18 months from Rectal Fistula, he would die unless a costly operation was perfermed; but he cured himself with Bucklen's Arnica Salve, the best in the world. Surast Pile cure on earth. 25c. a box. Sold by A. I. Mc-Call & Co., Druggists.

Vanity is universal-and it is uni-

versally disowned. He is a Wonder

All who see Mr. C. F. Collier, o Cherokee, Ia., as he is now, cheerful, erect, vigorous, without an ache, could hardly believe he is the same man who a short time ago, had to sit in a chair propped up by cushions, suffering inpropped up ty cushions, surfering in-tensely from an aching back, in agony if he tried to stoop—all caused by chronic kidney trouble, that no medi-cine-helped till he used Electric Bit-ters and was wholly cured by three bottles. Positively cures Backache, Nervousness, Loss of Appetite, all Kid-ney troubles. Only 50c. at A. I. Mc-Call & Co.'s, Druggists.

MINARD'S LINIMENT is the only Liniment asked for at my store and the only one we keep for sale. All the people use it.

HARLIN FULTON. Pleasant Bay, C. B.

MONEY TO LOAN

Money to Lend At 5 and 51/2 per cent. ON LAND MORTGAGES.

Will also lend on NOTE and UHATTEL MORTGAGE Privileges to pay off, J. W. White Barrister King Street West. Chatham

.Money to Loan. ON MORTGAGES At 41/2% and 5% Liberal Terms and privileges to borrowers

Apply to LEWIS & RICHARDS, Barristers, Etc., Kin St., Chatna

L. E. & D. R. R. CHATHAM CLEVELAND \$2.00

> Round Trip \$3, per Rond Eau and Lake Erie Nav, Co. Steamer URANIA

eding June 4th, leaves Rond Ean Mondays lays and Fridays 4 p.m. (central time) arrive shand 7.30 r.m. (central time). Train leave sam (C. P. R.) 3 p.m. to connect with boat, UNTIL FURTHER NOTICE Train leaves Chatham for Road Eau (daily) at 10,25 a.m. and 3,40 p.m.,

Fare for Round Trip . . . 25c MARSHALL, L. E. TILLSON, Walkerville. GEN. AGENT,

Minard's Liniment Cures Burns, etc.

LAKE ERIE & DETROIT RIVER RAILWAY. ommencing May 24th, Rond East service

Leaving Chatham daily f 10.25 a. m., except Sunday Leaving Rond Eau daily {
except Sunday 11.30 a. m., ^ 5.00 p. m.

THE WABASH RAIROAD CO.

No. 1-6.15 a. m. 3-1.30 p. m. 5-9.15 p. m. 9-1.51 a. m. No. 4—11.08 p. m —12.35 p. m 6— 1.45 a. m 8— 2.20 p. m All Wabash trains have four Reclining Cha

J. A. RICHARDSON Dist. Pass. Agt., Toronto and St. Thoma



City of Chatham

Will make a round trip from CHATHAM to DETROIT every

Monday, Wednesday and Saturday Leaving Rankin Dock, Chatham, at 7.30 p.m.; and returning leaves Detroit (foot of Randolh St.) at 3,36 p.m. Detroit time or 4 o'clock Chatham time ONE WAY TRIPS :

Leaves Chatham for Detroit on Thursday morning at 9 o'clock and leaves Detroit for Chatham on Friday morning at 8,30 Detroit city time or 9 o'clock Chatham time. FARES: Children under 12 years half fare. Tickets good for day of issue only. Agts. Stringer & Co., Chatham; Oulette & Wherry, Windsor; John Stevenson, Detroit.

E. Cornetet CPR - CPR - CPR - CPR - CPM

CANADIAN PACIFIC

Upper Lake

Service During Season of Navigation CPR During Season of Navigation
Upper Lakes Steamships "Alberta," "Athabasca" and
"Manitoba" will leave Owen
Sound Tuesdays, Thursdays
and Saturdays at 5.20 p. m.,
after arrival of Steamship Express leaving Toronto at CPR
1.30 p. m.
Connection will be made at CPR

CPR CPB CPR Connection will be made at Sault Ste. Marie and Port Arthur and Fort William for all points west. A. H. NOTMAN, A. G.P. A.,

1 King S'reet East, Teronto,

W. H. HARPLE, City Pass, Agent

OPR

CPR - CPR - CPR - CPR - CPR GRAND TRUNK SALWAY

Will Run 60-Day Excursions to the Canadian Northwest

AT FARES \$30 } \$28 Binscarth

Prince Al ert

\$ \$40 Red Deer Going June 19th, return trip to be Going June 19th, return trip to be completed on or before Aug. 20th., Going July 13, return trip to be completed on or before Sept. 12.
Going July 17, return trip to be completed on or before Sept. 16.
Full information may be obtained from agents G. T. R. System.

W. E. Rispin, O P. A., 115 King et. M. C. DICKSON,

Dist. Pass. Agent. Union Station, Toronto. The Wabash Railroad Co.

Is now acknowledged to be the great through ear line between the east and the west, the best appointed and most up-to-date railroad in

America.

Passengers going west on the fast mail, reach St. Louis next afternoon at 2 p. m., Kansas City 9.30 p. m., far away Texas and Colorado points next

afternoon. The shortest and quickest route to the west. All Wabash trains have free reclining chair cars, and are solid wide vestibule from headlight to rear platform, Full particulars from any R, R. agent, or J. A. Richardson, District Passenger Agent, northeast corner King & Yonge Sts., Toronto and St. Thomas, Ont.

W. E. Rispin, 115 King Street, Chatham City Accut Wabash Railway

F. Marx REAL ESTATE EXCHANGE AND

BROKER'S OFFICE. For sale at a bargain, on terms to suit the purchaser, comfortable house and lot on the corner of Barthe and

Head streets. Two lots on S side of Cornhill St., on monthly payments, interest at 5

Money on Mortgages at 4j to 5 per cent.