

"Royal Tour" Pictures Enjoyed by Canadian Girls



Memories of the recent royal tour of Canada were recalled by the party of 30 Canadian school girls who at present visiting England, when they visited the exhibition of royal portraits at St. James' Palace.

What Science is Doing

CHEAPER PLASTIC
A plastic compound made from the lignin and cellulose of sugar cane bagasse, one of the country's important agricultural waste products, has been manufactured by chemists of the United States Department of Agriculture at the Agricultural By-Products Laboratory, Ames, Iowa. The chemists estimate that this new compound can be manufactured for less than half the cost of the cheapest synthetic plastic compounds now on the market.

VITAMINS AND OLD AGE
Evidence that senility and other symptoms of old age are accompanied by typical signs of vitamin deficiency was presented recently by Professor L. A. Cherkas, director of the Odessa Institute of Nutrition, U.S.S.R. Experiments on animals and numerous observations on patients showed, he reported, that the processes taking place on teeth and bones in old age do not differ in anything from those resulting from a deficiency of vitamins in the organism. The observations have led Professor Cherkas to conclude that the digestive tract not only absorbs vitamins from food but also transforms a number of inactive food components into active vitamins. As the body grows older this ca-

capacity of the digestive tract grows weaker. Many symptoms of senility, hitherto regarded as manifestations of an inevitable physiological process, he believes, are but a result of the body not keeping up with its requirements in vitamins, which must be supplied in greater amounts with the advance of the years.

NEW METALLIC COMPOUND
Discovery of a new metallic compound capable of cutting and smoothing the toughest metals and harder than the hardest steel used to manufacture tools was reported to the American Chemical Society by Philip M. McKenna of the McKenna Metals Company, Latrobe, Pa. The material is obtained by heating tungsten, titanium and carbon in crucibles of pure graphite, the mixture being heated in a bath of molten nickel to a temperature of 2,000 degrees for a prolonged period. The new compound is only 0.2 softer than a diamond, the hardest substance known; and is expected, because of its ability to retain a sharp cutting edge at high temperatures, to increase the speed with which stainless steels can be machined, thus resulting in considerable economies in manufacture.

To the farmer and prospective settler, the Animal Husbandry Division of the Experimental Farms Service, Dominion Department of Agriculture, offers the results of many years experience, accruing from the maintenance of approximately 8,000 head of livestock on the Dominion Experimental Farms and Stations in different parts of every province of Canada.

Have You Heard?

The Wrong Note
A new governor was paying his first visit to a Gold Coast town. Two banners greeted him. The first read: "Welcome to our new Governor." The second was: "God help our Administration."

Coel
According to a writer a girl who is clever with her needle can make a charming summer frock for next to nothing. And in a heat wave that's probably how she'll wear it.

Dear Daddy dear!
Daddy: "Let's be pals, Daddy dear."
Daddy: "Certainly, my dear."
Little Mary: "Well, how about dumping out the cod liver oil, palsy wally?"

Definition
Economy means keeping away from the neighbours instead of keeping up with them.

Really
"It's nice to see you again, old man; I thought you were dead."
"Why?"
"Well, I've heard several people speak well of you lately."

Mapped Out
Little Mary, aged six: "Mother, I'm going to work hard at this school and get a scholarship to the Grammar School. Then I shall get a scholarship to Oxford; and after I have finished at Oxford, I'm going to drive a motor bus."

"Most Beautiful City In The World"

"Everywhere there is something odd or different to be seen. Take Rio de Janeiro, for instance. There is no place in the world that resembles it. I would call it the most beautiful city in the world. Here everything is spectacular. High mountains shoot up from centres of population. Splendid beaches abound on all sides. It is a glorious place. Nowhere is there such a combination of sea, shore and mountain. Weather permitting, our passengers will get a thrill out of Tristan da Cunha, a rock in the sea and a thousand miles from anywhere. Her potatoes and fish are the main items of food, but the eight to ten score of people who live there are happy. This is the place where girls pray for a good shipwreck so they can get married."

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Modern Etiquette

1.—Isn't an envious person unpopular?
2.—Should a girl ever send a gift to a man whom she likes?
3.—Who is usually the last one to make a speech at a public dinner?
4.—How many attendants should a widow have at her second marriage?
5.—When playing golf and there is a foursome just ahead of you, how long should you wait before driving?
6.—When serving tea to guests where tables are not provided, shouldn't one avoid serving anything that requires the use of a fork?

Answers
1.—Yes, always. An old Latin proverb says, "He who envies another admits his own inferiority." And, of course, it is difficult for an inferior person to become popular.
2.—Not unless?—The girl, if she is to be married to the man, should be at Christmas and on his birthday.
3.—The guest of honor.
4.—Never more than three.
5.—Wait until all four of the players ahead of you are too far away for your drive to interfere.
6.—Yes; it is better to avoid the fork.

How Can I?

Q.—How can I keep grapes fresh for a long time?
A.—Cut a circular piece out of a pumpkin or gourd, large enough to insert the handle. Clean out the interior thoroughly, place ripe grapes inside, and replace the cover securely. Keep in a cool place, and the grapes will keep fresh for a long time.
Q.—How can I mend broken marble?
A.—To mend broken marble, stick the pieces together after applying Portland cement and water which has been mixed into a very stiff paste.
Q.—How can I treat tired nerves?
A.—Heat some milk to the scalding point, add a little salt, and drink it as hot as possible. This is also a sleep producer.
Q.—How can I clean a soiled photograph?
A.—Sprinkle it very lightly with a cloth wrung from warm water containing a little ammonia. Another method is to moisten some absorbent cotton with alcohol and rub very gently until the photograph is clean.

AGENTS WANTED

RURAL MAN WITH CAR TO SELL
Old among farmers. Three to sell. Write British Lumber Company, 416 Bay Street, Toronto.

ARTICLES FOR SALE

QUILTING PATCHES, FINEST ART
Quilting patches, finest art. Write British Lumber Company, 416 Bay Street, Toronto.

BAIRD'S

BAIRD'S
BAIRD'S

FREE ILLUSTRATED CATALOGUE

NEW BOOKS, 10c. up. Used
Motocycle, Dacia, 425 Queen St. W., Toronto.

CATTLE

DEALERSHIP IN CATTLE
Dealership in cattle. Write British Lumber Company, 416 Bay Street, Toronto.

WOODWORKING BUSINESS

NINE HUNDRED CASH BUYS
Country small chopping mill, woodworking business, complete machinery, dwelling. Write British Lumber Company, 416 Bay Street, Toronto.

CHRISTMAS CARDS

SEND FOR THE CELEBRATED
Cards. A beautiful selection of Christmas cards. Write British Lumber Company, 416 Bay Street, Toronto.

Chantecler CIGARETTE PAPERS
NONE FINER MADE

5¢ DOUBLE AUTOMATIC BOOKLET

graph is clean. Let it dry naturally.
Q.—How can I prevent silk from cracking or becoming hard?
A.—Always press it under a piece of damp muslin, using a moderately hot iron, until the muslin is quite dry.

Prevention Rather Than Cure

Some accidents in the home can be prevented easily—thus saving the harassment of a domestic accident and the pain of the cure. One such accident which is fairly frequent among women is the painful hammering of a thumb when trying to hammer in a nail. Here is a scheme to prevent such a crushing possibility! Next time you are ready to do odd jobs about the house which involve hammering in nails, try sticking the nail through a piece of stout cardboard and holding it with this "mis-hit" are then harmless, and your thumb remains whole!

The Right Idea

An Austrian baron of royal blood, just arrived in Canada and planning to be a farmer, announces that though he fought on the German side in the last war, "I will fight for the English people this war, if it comes. It will fight for Great Britain because I know I will be fighting on the side which stands for the rights of people; I stand for the right of the underdog." Canada can do with a lot of newcomers who feel like this.

BRINGS INSTANT EASE
from
PAINS, SPRAINS, BRUISES, BURNS, RHEUMATIC ACHES

MINARD'S GREAT CANADIAN RUBBING LINIMENT

Advance Ticket Sales 171 Bay Street, 2236; Mowbray, 50 King St. West, 2236.

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ENROLL NOW FOR YOUR FALL course of study. Ask us about our Practical Advertising course. Complete your Matriculation. "The O.C.D. Way." Canadian Correspondence College, 601 York Street, Toronto, Ont. Established 1902.

FREE SILK ENLARGEMENT
MOUNTED IN EASEL BACK mount with every roll received. Free of charge. Write to: The O.C.D. Way, Canadian Correspondence College, 601 York Street, Toronto, Ont. Established 1902.

HAIRDRESSING SCHOOL
GIRLS WANTED TO LEARN Beauty Culture, taught in a school chartered by the Dominion Government, branches from coast to coast, hundreds of successful graduates. We prepare you for provincial and state board examinations. Rates reasonable. Call or write to: Dept. A, Canadian Largest School, 1141 Midland Ave., Toronto, Ont.

JERSEY BULL
REGISTERED JERSEY BULL FOR sale. 2 years. Price \$800. A. P. Campbell, Grand Casepud, P. Ontario.

COLORS AND MOUNTS
ENLARGEMENT IN PORTRAIT color mount. Print with each order. Films developed, printed 25c. Delivery 10 days. Free delivery. Photo Service, Adelaide St. East, Toronto.

MEN'S SHIRTS
MEN'S SHIRTS, WHITE, STRIPED, English broadcloth, attached or separate collars, sizes 13 to 17 1/2. \$1.50. \$1.75. \$2.00. \$2.25. \$2.50. \$2.75. \$3.00. \$3.25. \$3.50. \$3.75. \$4.00. \$4.25. \$4.50. \$4.75. \$5.00. \$5.25. \$5.50. \$5.75. \$6.00. \$6.25. \$6.50. \$6.75. \$7.00. \$7.25. \$7.50. \$7.75. \$8.00. \$8.25. \$8.50. \$8.75. \$9.00. \$9.25. \$9.50. \$9.75. \$10.00. \$10.25. \$10.50. \$10.75. \$11.00. \$11.25. \$11.50. \$11.75. \$12.00. \$12.25. \$12.50. \$12.75. \$13.00. \$13.25. \$13.50. \$13.75. \$14.00. \$14.25. \$14.50. \$14.75. \$15.00. \$15.25. \$15.50. \$15.75. \$16.00. \$16.25. \$16.50. \$16.75. \$17.00. \$17.25. \$17.50. \$17.75. \$18.00. \$18.25. \$18.50. \$18.75. \$19.00. \$19.25. \$19.50. \$19.75. \$20.00. \$20.25. \$20.50. \$20.75. \$21.00. \$21.25. \$21.50. \$21.75. \$22.00. \$22.25. \$22.50. \$22.75. \$23.00. \$23.25. \$23.50. \$23.75. \$24.00. \$24.25. \$24.50. \$24.75. \$25.00. \$25.25. \$25.50. \$25.75. \$26.00. \$26.25. \$26.50. \$26.75. \$27.00. 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