

Do You Know?

A NEW WAY TO LEARN ONE WORTH WHILE THING EACH DAY

(Copyright, 1927, Frank Collier). A set of seven questions will appear herein each week, pertaining to: Common Things—How they work, Story of the stars, The earth, Life, Electricity, Radio, History, Geography, Economics, Law, health, Manners, Customs, Man, Animals, Birds, Plant Life, Miscellaneous.

29. How do the Train Brakes Work?
30. The Meaning of the Red Stripes on the Barber Pole?
31. Of What has the Finger Ring Been a Symbol From the Remotest Time?
32. When can one Legally Drive on the Left Side of the Road?
33. How much Silver and Copper is Legal Tender for a Debt?
34. Are National Bank Notes Legal Tender?
35. Give a Few Rules Concerning Chinese Names?

CORRECT ANSWERS GIVEN NEXT WEEK

See how many you can answer by that time. **THEY WILL EMBRACE THE FUNDAMENTALS OF A LIBERAL EDUCATION**—Get a scrap book and keep for future reference. (We invite constructive suggestions or criticisms).

Answers to Last Weeks Questions

22. The Principal Fur-Bearing Animals of North America? In the far north, Polar bear and Arctic Fox; Bering Sea and Alaska the fur seal; extreme northern states and Canada, fisher, lynx, marten, wolverine and the foxes.—Black, silver, blue, cross and white (in small numbers), prices ranging downward in order given. (The Black Fox, when its fur is slightly sprinkled with white, is the famous Silver Fox). Most parts of the U. S. and Canada, (mostly around streams and lakes) the muskrat, otter, weasel, mink and beaver; Northern and western states and Canada, Timber wolf and brush wolf; Timbered portions western U. S. the mountain lion (also called Panther, Catamount, Puma and Cougar); Prairie states Badger, Coyote; Central and southern states, Opossum and Civit Cat (called Polecat); Most parts of the U. S. skunk, Wild Cat, Black Bear, Raccoon, Red and Gray Fox.
23. The Coldest place in the United States? At points in Montana, Wyoming and the Dakotas the thermometer has been known to reach 50 below zero. Temperatures as low as 40 below are not uncommon along the Canadian border. It is usually a dry cold, and not so severe on one as a much milder temperature in a moist climate. However, they have not much on other parts of the U. S. The month of Feb. 1899 produced the coldest weather ever known in the U. S. There was sleighing for three days in Southern Alabama; 2 inches of ice and 6 above zero at New Orleans; in northern Florida telephone and telegraph lines badly damaged by snow and ice; Storm reached to the Rio Grande in southern Texas. Many people frozen throughout the U. S.
24. The Hottest? In 1911 the U. S. Weather Bureau established a station at Greenleaf Ranch, located on the edge of Death Valley in Southern California. Almost daily through July and August the temperature rises to 100 or more, and at some time during each year has passed 120 degrees. On July 10, 1813, a properly shaded and ventilated

thermometer registered 134 degrees, the hottest temperature ever registered in the U. S. and so far as known within two degrees of the hottest any place on earth. During the winter season, Death Valley occasionally has freezing weather. However, there is no state in the Union where 100 degrees or more has not been reached in some parts of the state. In several of our Central States in extremely hot summers, (1901 for instance) the thermometer has reached 110 to 115 for a number of days in succession.

25. Where Does Snow Never Fall? In the southern part of Florida and the extreme southern part of California it never snows.
26. Where Frequently 50 to 70 Feet? In the Cascade Range of mountains in Washington and Oregon, at an altitude of 5,000 to 6,000 feet the snow falls during a winter has reached as much as 50 to 60 feet. The Sierra Nevada Mountains extend north and south in California for about 450 miles. Far up in these mountains the deepest snow in the U. S. has been experienced. At a point called Summit on the Southern Pacific Railroad in 1879-80 there was a total snow fall of 65 feet during the winter. At Tamarack not far away on the same road, in 1888-89 a total depth of more than 73 feet during the winter.
27. What Gigantic Trees, Now Alive, Were 1000 Years Old At Time of Christ? The "Big Tree" of California, which inhabits the western slopes of the Sierras, is the mightiest living thing on the face of the earth. (Named Sequoia in honor of Sequoyah, who invented the Cherokee alphabet) an evergreen remarkable for its great size; found in detached groves, mixed mainly with immense Sugar Pines and Firs. The North Calaveras Grove contains 93 trees, of which 4 are over 300 feet high, the tallest called the "Key-stone State" being 325 feet, diameter 6 feet from ground 45 feet. The Grizzly Giant of the Mariposa Grove, 16 miles south of Yosemite Valley, is 275 feet high, 28 feet diameter, and has a roadway cut through its base large enough for the "rubber-neck" sight-seeing autos to pass through. The trunk of this tree is frequently furrowed to a depth of a foot, and is usually bare for 100 to 200 feet. It entirely clears the surrounding forest before throwing out any limbs. Some of these trees are known to be 3,000 years old.
28. How Can One Use an Automobile to Keep His Radio Battery Charged? Any properly working automobile generator produces more current than needed for the ignition, and when the lights are burning furnishes excess current sufficient to bring a partially charged battery to full charge. Procure a second battery to fit the Automobile, and use it for the Radio. When making an extended daylight drive, or say once a week, switch the radio battery to the car and the car battery to the radio.

For SALE or TRADE

I have a 40 acre ranch that I will sell, or trade for town property. Thirty acres under cultivation and 10 acres in timber. Good house and nicely fixed inside. It is the former Mellinger ranch if you know where it is call and see it. It is 1 1/2 miles from town on stony point road below city reservoir. If you don't know where it is, inquire at the Eagle office for Ratcliffe and I will be glad to show you where it is.

Subscribe for the Vernonia Eagle at \$2.00 per year.

INDIAN RED BUGS RICHLY ENDOWED

Wealthy Banker Leaves \$100,000 for Rest Homes.

Allahabad, India.—One hundred thousand dollars for a home of rest for bugs (the irritating Indian red bug) is the strange legacy left by a Marwari banker millionaire named Soth Buddhimai, who died recently in Sihori state, central India.

Soth Buddhimai set aside a quarter of a million rupees (which is roughly \$100,000 real money) for the building and maintenance of three resthouses in Sihori state, in each of which a special room is to be set aside for the preservation of red bugs.

The red bug is a well known Indian pest, encroaching everywhere in railroads, trolley cars, automobiles, houses, and, in fact, wherever human feet tread, the bug creeps in to disturb the peace and quiet of the evenings. The Sihori banker demanded that in the red bug rooms at his resthouses, poor travelers should be paid for the "service" of sleeping in them at the rate of roughly \$1 per two hours.

There is of course a catch in this. If at any time a poor unfortunate bug be found dead, through the unconscious squirming of the paid victim, or otherwise, the traveler loses his dollar.

There are at present some 250 "red bug rooms" in the resthouses of Rajputana state, but the occupants thereof are not paid for the privilege of their company. They are more or less "quarantined" for the benefit of the non-infested travelers who use the resthouses. But while it has been a long standing custom to provide "bug rooms" for resthouses, no such valuable legacy has been left for many years in this part of India, and certainly no such legacy which seemingly considers the feelings of the bugs.

Believe Rich Copper Vein Found in Canada

Timmins, Ont.—Interest is running at fever heat over the first geological report of what may be the biggest copper strike ever made in the north country in the Kamiskotia lake gold area.

"Anything from 60 cents to \$30,000,000" was the only declaration of possible wealth George Scott, geologist, would give. "It may be worth a fortune and may be a washout."

Mr. Scott accompanied George Jamieson, prospector, to the district and made a survey of the vein. Comparing it with the Flin Flon and Home camps, Mr. Scott said in his opinion the Kamiskotia find appeared to have better prospects. "Every new discovery of sulphides in the area, no matter how small, will be of unusual interest," states the geologist.

He has been in and out of the Kamiskotia lake area three times within the last few weeks, and on his second trip he would have staked a claim on his own behalf in Jamieson township if he had been able to persuade the men accompanying him to cross the Mattagami river on an improvised raft.

London Fog Changes; Even Taste Altered!

London.—London's fog has lost its individuality and some of its taste. Time, or something, seems to have worn the edge clear off of it.

Dickens, who so delightfully described the London mist, would be disappointed were he to see one today. He would not recognize the modern fog any more than he would know the narrow streets which David Copperfield so often trod.

The same old streets wind about in the same old way, but many of them have been widened. This may have something to do with the changing fog, which is not so impenetrable as formerly, but the scientists disagree about the vapor's transformation and its causes.

At any rate, the wider streets are now more easily negotiated even when a fog is at its height. And the old-timers are quite positive that the fog of today tastes much different to that served in the days of Victoria.

War on Prairie Dog Is Finally Victorious

Hot Springs, S. D.—The prairie dog, which since pioneer days had roamed the South Dakota prairies, has suffered the fate of the buffalo and the rattlesnake in the war of extermination in this section of the state. In Fall River county the war of extermination against the rodents is considered practically at an end.

As late as ten years ago the prairie dogs were appallingly numerous. When the campaign to exterminate the animals began, it appeared that the task was a fruitless one. Not only were the rodents discouragingly prolific, but farmers were skeptical or indifferent on the battle of extermination.

Year by year, however, the campaign continued, concentrating on the more infested districts. Farmers in recent years have co-operated in the campaign and many have conducted individual extermination work. Today the prairie dog has become more or less a rare sight in this section.

The Majestic

Two little boys in blue. That's how Wallace Beery and Raymond Hatton appear in their first Paramount co-starring comedy, "We're in the Navy Now," which comes to the Majestic on Saturday. You see, the erstwhile doughboy pair of "Behind the Front" are in the Navy now!

The youthful Texan star Bob Custer comes again on Monday to the Majestic theatre in his latest Western vehicle "No Man's Law." It is a stirring tale of the range country with Bob, as the hero, fighting his way to triumph against discouraging odds. The comedy content of the story is said to be prodigious.

In Dix's latest starring comedy, "The Quarterback," which comes to the Majestic on Tuesday and Wednesday, Butler is seen as Richard's buddy. Esther Ralston, playing opposite the star, is featured. Fred Newmeyer directed.

Three leading men and two leading women, all entitled to feature roles in any picture, grace the cast of "Perch of the Devil," King Baggot's latest Universal production which comes to the Majestic theatre Thursday and Friday.

Home Pointers

(From School of Home Economics, Oregon Agricultural College)

Bran muffins with pineapple are healthful and delicious food. 1 cup of flour, 1 teaspoon o soda and 1 teaspoonful of salt sifted. 2 cups of bran 1 1/4 cups of milk, one-half cup of molasses, 1 egg well beaten and three-fourths cup of crushed pineapple are added. The batter is baked 25 minutes in a hot oven. This recipe makes 2 dozen small muffins.

A well-made wastebasket, finished with a detailed surface of marbled paper and illustrated with a hunting scene, a full-rigged ship or a Spanish motif, is bound with a band of dark oilcloth. This makes a useful and decorative object in a library or a man's room. Plain baskets are also in good taste.

- A Valentine Tea Coffee
- Tomato Catchup and Cream Cheese Sandwiches in Heart Shapes Hot Biscuit
- Pink Peppermint Ice-cream in Heart Shapes
- Heart Shaped Cookies, Decorated Cakes
- Ribbon Candy Salted Nuts
- A Colonial Tea Coffee
- Tea Shrimp Salad Sandwiches
- Roller Celery, Cheese Sandwiches
- Brown Bread and Butter Sandwiches
- Cherry Ice Ginger Cookies
- Salted Nuts Decorated Cakes
- Bonbons

Oregon motorists paid \$4,200,000 in motor fees during January, \$8,000 more than in same period last year.

W. O. Reith, dairyman, has orders for 25 to 50 Guernsey cows for Japan, at Astoria. Has your subscription expired.

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Gardening—A Good Game

GARDENING is a family sport. Every member of the household can be interested in it. While affording instructive recreation it also pays you a wonderful profit in the form of fresh vegetables all summer and fall—even for winter if you will cold pack varieties, such as Corn, Beans, Beets, Carrots, etc.

A small garden is very much worth while. A space 20x25 feet will well repay you if used for beans, radishes, beets, lettuce, carrots, spinach, etc.—the quick growers. A larger area permits growing sweet corn, peas, melons, tomatoes, and the root crops for winter storage.

To utilize your land to best advantage, plan your garden right away. Also plan to use seed that bears a reputation for producing good crops over a long period of years. Northrup, King & Co.'s seeds have given satisfaction for 42 years.

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