

TRY THESE BRAIN TEASERS

A series of tests for the purpose of discovering children who are backward and unintelligent is being carried out in the L.C.C. schools.

Scientists have for years been seeking a reliable method of discriminating between the genius and the dullard. They look for small or badly-shaped skulls; for broad noses; for V-shaped palates and low foreheads, holding that where these defects are present the mentality must be correspondingly defective.

That this system is unreliable is proved by the exhaustive tests carried out by Binet, the French psychologist, who points out that none of us has a perfect skull or a perfect face.

The scientific method of judging accurately a person's intellectual powers is to apply tests—simple, standardized mental exercises, the answering of which demands intelligence and reasoning.

How intelligence is measured. The intellect of a child is measured in terms of "mental age." By the calendar a child may be ten years old; mentally, however, he may have reached the normal level of a child of only seven.

A child who is backward by this amount or more is considered mentally deficient; if he is backward by less he is considered normal. If, at the age of ten, he has reached the mental level of a child of thirteen, he is regarded as a precocious genius.

The tests are conducted in the manner of a conversation. The examiner inquires: "What is your name?" "How old are you?" Are you a little boy or a little girl?" and from the answers even to such simple questions as these he learns something of the pupil's mentality, for an average child should answer the first question at the age of three, the second at four, and the third at five.

Here is a selection from the tests used:—

For children of seven years of age. Tom runs faster than Jim. Jack runs slower than Jim. Who is the slowest—Jim, Jack, or Tom?

It is Sunday, and on Sunday afternoon Ada usually takes the baby out, or goes by herself to the pictures, or walks over to see her aunt, or else goes by car to the church. Today, however, she has no money with her, and the baby is asleep upstairs. Where do you think she has probably gone?

For children of eight years of age. Ethel has twice as many apples as John; Lucy has half as many as John; Lucy has ten. How many has Ethel? For children of nine years of age. C is smaller than B; and B is smaller than A. Is A bigger than C?

A burglar entered my room at the hotel last night. The windows were securely fastened on the inside, and the fastenings on the window-panes were unbroken. The opening up the chimney is only nine inches wide. The door opening into the main corridor was locked, and the key left on the outside. The ceiling, walls, and floor have no openings, either secret or forced, through which the burglar could have entered. How did he get in?

On one side of my street the houses have odd numbers, beginning with the grocer's, which is number 1. On the other side the numbers are even, number two, the baker's, being opposite number one. My house is number 16. Walter is my next-door neighbor; you pass his house as you come from the baker's just before you get to mine. What is the number of his house?

For children of ten years of age. There are four roads here. I have come from the South and want to go to Nelson. The road to the right leads to a school, straight ahead it leads only to a farm. In which direction is Nelson—North, South, East, or West?

When Knighthood Was in Flower.

In courtly days of old,
When knights and maidens fair
Swept over "meads of gold,"
All gay and debonair.

And through the welkin's sound,
The clarion's silver tone,
As steel and palfrey found
Swift o'er the tented zone.

While martial music rolled,
O'er hill and verdant vale,
And minstrels proudly told
The troubadour's sweet tale.

Brave knights in armor dressed,
Proud lords in bright array,
Sweet dames their steeds caressed,
In silk and satin gay.

From tent and turret's height
Floated in azure air,
Bright in the morning's light,
Feunon and banner fair.

Brave trials of skill and play
Beguiled each blithesome hour,
As passed each happy day
"When Knighthood was in flower."

Past are those courtly days,
Those quaint old times of yore,
No more are warlike lays
Sung by proud troubadour.

But men are still as brave,
And maidens quite as gay,
As in the days of old,
When minstrels thrilled their lay.

In Japan wages are low and hours long,
Ten or twelve hours being a usual day.

Buy Thrift Stamps.

AUTO SPARE PARTS

for most makes and models of cars. Your old, broken or worn-out parts replaced. Write or wire us describing what you want. We carry the largest and most complete stock in Canada of slightly used or new parts and automobile equipment. We ship F.O.D. anywhere in Canada. Satisfaction or refund in full our motto. 923-921 Dufferin St., Toronto, Ont.

What An Irrigation System Did for My Garden.

A couple of years ago, when we bought our electric lighting and pumping outfit, the man who sold it to us mentioned among other things that it would irrigate our vegetable garden. However, I put this down as a talking point which would "listen well on paper," but wouldn't amount to much in actual practice.

But after we installed our pumping plant I got a letter from the irrigation company explaining how I could put in a couple of lines of pipe over my vegetable garden at a very moderate expense that would supply all the water I wanted, at any time, by merely turning a valve, and so I decided to try it.

I must say, after using for two years this mechanical watering system, that the claims which were made for it were not exaggerated. The results we have been able to get have been simply marvelous. For a great many years we have prided ourselves as having as good a garden as is grown in the section, but it is no exaggeration to say that our vegetable crops average at least twice what they did before. Furthermore, we can plant at any time without waiting for rain, and get immediate germination, and keep every crop growing right straight through without any check until the day it is harvested. Thus we are able to get in a good many more crops each year than if we trusted to the weather man for our rain supply.

Counting both the increase in the crops and the gain in the number of crops, we get at least 300 per cent. more from our garden space than we used to, and the quality of the stuff measures up better too.

We put in two lines of irrigation pipe, each 200 feet long. These lines came complete, made up with a special irrigating nozzle every three feet, and a special union on the end of each fitted with a strainer to keep any sediment from getting into the line and clogging up the nozzles. They also have short handles, making it possible to turn the line from one side to the other. Through the little nozzles inserted in the pipe the water is thrown in tiny streams to a distance of 25 feet. These little streams break up in the air so that the water falls to the ground in tiny drops like a fine gentle rain which will not pack the soil or beat down even the smallest plant. As we run our rows in the same direction as the lines of pipe, we can water a narrow strip the entire length of the garden any time we want to. This is especially handy when we are setting out plants, just after sowing seed in dry weather, or just after hoeing or cultivating any crop as soon as the weeds have had a chance to die in the sun.

All we had to do to put this system in was to run an inch pipe from the house to the garden, a distance of about 200 feet, and put in two rows of cedar posts 50 feet apart to support the irrigation line. The feed line from the barn to the garden was only a foot or so under the ground, as we turn the water off and drain it out before cold weather.

While we grow our vegetables primarily for our own use, we have always sold a few, and since having the irrigation we have had such a big surplus that he have sold quite a lot, especially during midsummer, when all the rest of the gardeners around here are more or less dried up. The summer folks from a good many miles around come to us because they know that they can get nice, fresh, crisp things. Our "rain machine" is something of a curiosity, and they like to stop and see how it works. Altogether, I suppose, we have sold enough vegetables to pay for our two lines of irrigation two or three times over in the two years since we have had them, in addition to having more and better vegetables for ourselves.

Poverty is a hard nurse, but she raises healthy children.

Teacher—"Mention six important Arctic animals." Pupil—"Three polar bears and three seals."

A table drink that fits in just right in place of tea or coffee

INSTANT POSTUM

A rich flavor, ease of making economy to pocketbook, and superior health value make Instant Postum the natural beverage to turn to when tea or coffee disagrees.

"There's a Reason"

Pass the Good Mong.

If Good Fortune brings a gift to you while going on your way.

A gift that opens your very soul and brightens all your day.

Go forth and make another man join in a joyful song;

Do something to make glad some heart, and pass the good along.

If a glad smile should greet your face when setting forth at morn.

A smile that speaks of friendship true, or of a love new-born.

Full of the gratitude you feel for friendship true and strong.

Show friendship to other folks, and pass that smile along.

If anyone says a kindly word when troubles whirl around,

And when it seems no happiness in a dark world is found,

Find out another suffering soul, whose luck has all gone wrong.

Help him to see the sun once more, and pass the word along.

A MOTHER'S TRIALS

Care of Home and Children Often Causes a Breakdown.

The woman at home, deep in household duties and the cares of motherhood, needs occasional help to keep her in good health. The demands upon a mother's health are many and severe. Her own health trials and her children's welfare exact heavy tolls, while hurried meals, broken rest and much indoor living tend to weaken her constitution. No wonder that the woman at home is often indisposed through weakness, headaches, backaches and nervousness. Too many women have grown to accept these visitations as a part of the lot of motherhood. But many and varied as her health troubles are, the cause is simple and relief at hand. When well, it is the woman's good blood that keeps her well; when ill she must make her blood rich to renew her health. The nursing mother must have other women in the world needs rich blood and plenty of it. There is one way to get this good health, and that is through the use of Dr. Williams' Pink Pills. These pills make new blood, and, through their use thousands of weak, ailing wives and mothers have been made bright, cheerful and strong. If you are ailing, easily tired or depressed, it is a duty you owe yourself and your family to give Dr. Williams' Pink Pills a fair trial. What this medicine has done for others it will surely do for you.

You can get Dr. Williams' Pink Pills through any dealer in medicine or by mail at 50c, a box or six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

Secret of Longevity is Courageous Mind.

Half or more of the senility in the world may be traced to unresisting yielding to a fiction that years are the measure of age; half of the aged men who live in the world could be impeached for bringing upon themselves by consent the infirmities which set upon them the marks of decline. Instead of dodging the scythe of Time they stand resignedly in the grim old reaper's path. He cannot be blamed for cutting them down.

The sound constitution is not as essential as the courageous mind. Many men and women of weak constitution have lived to an advanced age, the mind dominating and sustaining the body. Calm temperament is the greatest factor in longevity. The person who regards himself a borrower of time must worry over an indebtedness, which does not exist, which could not be established in any court of law, and every one who has signed such a bond ought to repudiate it and win the commendation of all courageous souls.

Here are a few facts which are commended to the consideration of all those who measure life in years: Sir Isaac Newton lived to an age of eighty-three and gave proof of his intellectual vigor to his dying day. Walter Savage Landor wrote his "Imaginary Conversations" at eighty-five and lived seven years after. John Wesley swayed multitudes with his eloquence up to the age of eighty-eight; Washington Irving worked at his "Life of Washington" in his seventy-ninth year. Browning was nearly eighty before he ceased to write; Tennyson composed "Crossing the Bar" at eighty-three; Victor Hugo did much of his work after he was seventy-five; when he was eighty-three Voltaire composed his tragedy "Irene."

Two Styles for the Small Woman



9552—Misses' Dress (suitable for small women; convertible collar; two styles of sleeve; with loose side panels or pockets). Price, 30 cents. In 3 sizes, 16 to 20 years. Size 16 requires 2 1/2 yds, 64 ins. wide. Width, 2 1/4 yds. Quite tailored and neat is this frock, with pleats at either side of the front, extending from yoke to hem. Developed linen.

9552—Misses' Dress (with tie-on basque; two-piece skirt in two lengths; with or without draped apron). Price, 30 cents. In 3 sizes, 16 to 20 years. Size 16 requires 4 1/2 yds, 36 ins. wide; contrasting, 1 1/2 yd, 36 ins. wide. Width, 1 1/2 yds.

These patterns may be obtained from your local McCall dealer, or from the McCall Co., 70 Bond St., Toronto, Dept. W.

Is Your Writing Small?

It has been said that ninety persons out of one hundred have literary ambitions. If you are of the ninety, then your ambitions may be realized, if your handwriting is naturally very small!

It is extraordinary, and seems to be something more than a mere coincidence, that literary geniuses—practically all of them—write exceedingly small.

The clerk's writing was extremely neat, but so small that it could hardly be read.

Dickens' penmanship was of the minute order, too. That, and his predilection for writing with blue ink on blue paper, with much interlining, made his "copy" a trial to decipher.

Captain Marryat's handwriting was so fine that it was said that when the compositor rested from his work he was obliged to stick a pin where he left off in order to be able to find the place again.

Charlotte Bronte's writing was so fine that it appeared to have been traced with a needle.

The same "small" rule obtains among the majority of present-day writers. Thomas Hardy and Kipling are instances.

The moral seems to be that he who writes "big" stuff has it in him to write "big" stuff.

Incidentally, it may be noted that poets, from Byron onwards, scrawl! The born poet, it is claimed, could not write small or straight, if he tried!

CHOLERA INFANTUM

Cholera infantum is one of the fatal ailments of childhood. It is a trouble that comes on suddenly, especially during the summer months, and unless prompt action is taken the little one may soon be beyond aid. Baby's Own Tablets are an ideal medicine in warding off this trouble. They regulate the bowels and sweeten the stomach and thus prevent the dreaded summer complaints. They are an absolute safe medicine, being guaranteed to contain neither opiates nor narcotics or other harmful drugs. They cannot possibly do harm—they always do good. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Ordinary?

Just an ordinary woman, just an ordinary man.

And a child so ordinary that on him there seems a ban.

But what mysteries lie hidden—Further prying is forbidden—When we call them ordinary—miss we not the Master plan?

It All Depends.

Arithmetic, according to the average small boy, was simply invented in order to give teachers a good excuse for punishing their unhappy pupils. And, certainly, little Tommy Smith found it the unpleasant feature of his young life.

"Now, Tommy Smith," said the school-teacher one morning, during the usual hour of torture, "what is the half of eight?"

"Which way, teacher?" asked the youngster cautiously.

"Which way!" replied the astonished lady. "What do you mean?"

"Well, on top or sideways, teacher?"

"What difference does that make?"

"Why," Tommy explained, with a plying air, "half off the top of eight is nought, but half of it sideways is three."

The total war debt of the world is estimated at \$200,000,000.

SUMMER ASTHMA—HAY FEVER

—sleepless nights, constant sneezing, streaming eyes, wheezy breathing—

RAZ-MAH

brings relief. Put up in capsules, easily swallowed. Sold by reliable druggists for a dollar. Ask our agents or send card for free sample to Templeton's, 142 King St. W., Toronto.

Trout Fishing in Canada.

More benefit is derived from recreation in the open country than from any other form of amusement, and fishing is one of the happiest and most health giving of pastimes. Summer is fishing time, and Canada has numerous lakes and rivers where there is abundance of fish of all varieties to tempt the angler. Trout fishing is amongst the most popular forms of this sport.

To fish successfully for trout his habits must be known. His habits in one part of the country will be different from the habits of his brothers in the lakes and streams of other different sections of the country. The trout flows clear and swift running streams, whether large or small, the bottoms of which are filled with boulders and gravel. He is wont to hide under the overhanging banks of the streams and under and along fallen trees in deep holes made by these obstructions of the current. It is particularly advantageous to look for trout among the fast moving rapids, or in the eddies along the banks. The trout feeds largely on insects. He is a lively forager for food, and he is often seen chasing the small minnows during the middle of the day, and now and then leaping in the air for black flies and moths. He likes plenty of oxygen, and delights in the white-capped foaming waters below a fall in the stream.

Kaiso, B.C., is the headquarters for trout fishers on the upper Kootenay lake. Holiday makers who are visiting beautiful Banff may catch excellent trout in the Bow River. Splendid trout fishing may be had at Nipigon, Ontario, and in the rivers and lakes among the Laurentian Mountains, Quebec; in fact there is trout fishing to be had in nearly all Canadian waters of any great extent. But those who are seeking a big haul should go to places that are not too much frequented.

I bought a horse with a supposedly incurable ringbone for \$30.00. I treated him with \$1.00 worth of MINARD'S LINIMENT and sold him for \$55.00. Profit on Liniment, \$54.00.

MOISE DEROSCE, Hotel Keeper, St. Philippe, Que.

No Substitute for Youth.

Nobody, so far, has found a real substitute for youth, although some surgical experiments are asserted to have been successful in restoring vitality and youthful spirits. Youth, after all, is a state of mind as well as a span of years. Men and women are not old at sixty; they are not old at seventy, and when eighty is reached many of them refuse to be shamed. One's outlook upon life is likely to determine whether one is to continue real living or go to seed. Years ago man retired at forty or fifty and were not worth much to their communities after that. Now a man starts in the harness, alternating work and play. So, in reality, he never grows old in spirit, regardless of an accumulation of many years when birthdays come. Old age is something of a habit. It is easy to get into it, and if it gets into it but if youth is desired one may have it, and forget about the birthdays.

The number of officers and men in the British navy last day is 136,000, compared with 151,000 in 1914-1915.

MOTHER!

"California Syrup of Figs" Child's Best Laxative

Accept "California Syrup of Figs" only—look for the name California on the package, then you are sure your child is having the best and most harmless physic for the little stomach, liver and bowels. Children love its fruity taste. Full directions on each bottle. You must see "California Syrup of Figs."

ED. 7.

1888E No 32—20.

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