

MATERIALS IN A MAN

YOU CAN BUY THEM ALL IN ANY FIRST CLASS DRUG STORE.

A Scientific Analysis of the Chemical Compounds of Which a Human Body is Made—Man When Reduced to Water, Powders and Gas.

You can go to a drug store and buy all the materials to make a man. If the reader does not care to incur the expense of purchasing the materials with which to make a man it may at least be interesting to study the chemical composition of the human body as exhibited at the National museum.

The thirteen pounds of albuminoids contained in a man who touches the scales at 154 resemble so much yellow cornmeal, well ground. As to the speck of ugly brown stuff near by, you would never guess what it stood for if the label did not explain that it was "hemoglobin, the red coloring matter of blood, very difficult to obtain."

If you are a 154 pound man you contain forty-six quarts of water universally distributed in your body. No chemical analysis of a human body has ever been made, but from analysis of the different parts the amounts of the more important compounds may be approximately estimated.

When one has read the labels, counted the boxes and looked the outline over the conclusion is reached that man has as many ingredients as a mince pie. One will always know after this that when he dies it is because nature has gone on a coal strike or that hemoglobin is asleep at the switch.

Right before one's eyes are the pinch of this and the sprinkle of the other that make a brain—or an egg yolk—and in another bottle is the nasty little smear of brown stuff that gives the heart's blood its crimson—the brain and the heart that have ruled this world since Adam.

The visitor says to himself as he leaves the case: "Science may have here all the materials for making a man, but there is only one chemist who can put them together. His name is God."—Washington Star.

How Dolphins Play.

The waters of the gulf of California teem with other wealth than pearls. Here are fish of every description. The tuna is abundant, and the gamy Spanish mackerel is everywhere. The dolphin seems monarch of all the gulf. In the vicinity of the great island of Carmen they are encountered by the thousand. One school, comprising many hundreds, were encountered by the steamer on which the writer was a passenger a short distance from the beautiful bay of Escondido. They were a half mile distant when they observed us going in the opposite direction. Suddenly the leaders, in a clearly evinced spirit of rollicking sea dog fun, turned every one of them and gave chase to the steamer. It was perfectly evident they enjoyed the performance as much as the spectators. For a little while the noise was deafening, as if a thousand gemins of the streets had been turned loose in a go-as-you-please bathhouse. Then, having proved their ability to catch up with the steamer, they as suddenly veered and sped southward.—Sunset Magazine.

An Elder Brother.

In a case in the orphan's court of an eastern city one of the principal witnesses was asked if he had any brothers or sisters. "I had a brother," he replied, "but he died 150 years ago."

Let the Children Play.

It is too often true of the unhappy children who are forced to rise too early in their classes that they are conceived all the forenoon of life and staid all its afternoon. The vigor and freshness which should have been stored up for the purposes of the hard struggle for existence in practical life have been washed out of them by precocious mental debauchery—by faculty and lesson bibbing. Their faculties are worn out by the strain put upon their callow brains, and they are memorialized by worthless childish triumphs before the real work of life begins. I have no compassion for sloth, but youth has more need for intellectual rest than age, and the cheerfulness, the tenacity of purpose, the power of work, which make many a successful man what he is, must often be placed to the credit not of his hours of labor.

The Removal of the Obelisk From Egypt by the Americans.

"Nothing ever told to illustrate the friendship of Russians for Americans will strike a more responsive chord in this country than the story of the action of a Russian admiral at Alexandria, in Egypt, when Lieutenant Commander Gorringe, U. S. N., was about to ship the obelisk (now in Central park, New York city) to the United States," said an old diplomatic official. "The English and French in Egypt didn't want the western world to have an obelisk, and court intrigue soon persuaded the khedive to rescind his gift. Gorringe had only a few men with him, but he met the vacillation of the khedive by erecting a stockade around the monolith and raising high above it the stars and stripes.

A BIT OF HISTORY.

On another jar one reads: "Potassium, a soft metal, easily cut with a knife and showing a silver white luster. When thrown on water it decomposes the water, combining with the oxygen with such avidity that the hydrogen, set free, takes fire. It is the basis of potash and occurs in the body principally as chloride and phosphate."

On the bottom shelf, along with other specimens, is a tin box containing thirty-one pounds of antiseptic coal. It represents that amount of carbon in a human body. Carbon combines with oxygen. In this combination heat and force are generated and carbonic acid gas formed. The carbon taken in the body is burned in this way by the oxygen of the inhaled air, yielding heat to keep the body warm and fuel for muscular strength for work. The carbonic acid gas is given out by the lungs and skin. Carbon thus serves as fuel for the body and is its most important fuel element.

Then there are the fats, twenty-two and one-fourth pounds out of 154. Human fat consists of stearin, palmitin and olefin, with varying portions in different parts. On a card may be read: "The so-called complex fats, protagon, lecithin, cerebrian and others, resemble the neutral fats. The quantity is not definitely known, but is supposed to amount to about twelve ounces. These fats are very difficult to obtain, and only small specimens are shown, with special labels. They occur chiefly in the brain, spinal cord and nerves, though found in other parts."

By way of illustration there are jars packed with tallow that account very naturally for the mutton headed people who oppose our views. A small jar contains what looks to be a smear of black molasses. It is a specimen of lecithin, which occurs in one's brain and which is also found in the yolk of an egg. Another little dab of something is labeled "cerebrian," a complex fat from the brain and spinal marrow. Glycerin, still another little mess, is an animal starch from the liver, and inosite is a kind of sugar obtained from the muscles. This is also found in plants.

Business Education. Nothing will stand you in better stead in the hard, cold, practical, everyday world than a good, sound business education. You will find that your success in trade, occupation or profession will depend as much on your general knowledge of men and affairs as on your technical training. Success Magazine.

More Important. Nell—May doesn't seem so quick to deny her age now as she used to be. Bill—No. She's got very stout lately. Nell—What has that got to do with it? Bill—It takes all her time now to deny her weight. Philadelphia Ledger.

Older Times. "Why do you say older times?" asked a little girl who had been listening to a Bible story. "Times are ever so much older now than they were in those days."

How England Got the Gout. Strange effects have strange causes. What gave most English families of the upper class the gout was the twenty that brought in the heavy wimes of Foutral, much too heavy for use in this climate.—Dr. Emil Reich.

One of the secrets of successful achievement lies in giving one's whole mind to the details as they present themselves, never slighting one of them, even the smallest.

Essential Requirements. "A man must know a great deal to be a good diplomat." "Yes, and be able not to tell it."

Her Dilemma. Young Matron—Why so pensive, dear? Angelina—I'm desperate! Will address me in pale pink, while Max says I'm an angel in blue. I can't have but one gown, so you see my whole future depends on the color I select. It is sending me crazy.—London Tit-Bits.

Courage is resistance to fear, mastery of fear—not absence of fear.

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Slovenliness in Speech.

Do not drift into careless habits of speech. Slang, which is slovenliness in speech, is as contemptible as slovenliness in dress. Many people use slang because they are too lazy to think of proper forms for the expression of thought. The clothing of our minds certainly ought to be regarded before that of our bodies.

Quite a Stole.

"I had expected there would be a great splurge at Miss Fawcety's wedding, but it seems to have passed off quietly."

"Oh, yes. The young man submitted to the operation without a murmur."—Chicago Tribune.

Breaking It Gently.

Mr. De Club—My dear, a great German physician says women require more sleep than men. Mrs. De C.—Does he? Mr. De C.—Yes, my dear—um—er—you'd better not wait up for me tonight.

Easy Enough.

Insurance Superintendent (suspiciously)—How did your husband happen to die so soon after getting insured for a large amount? Widow—He worked himself to death trying to pay the premiums.

They Come In Flocks.

One way to gain lots of relatives is to die rich and leave no will.—Baltimore Sun.

Esnet. Bridegroom (who is receiving his bride's dowry)—Ten dollars is still wanting. Father-in-law—What? Oh, my daughter swallowed that \$10 when she was a child.—Flegende Blätter.

The Nine to the Centennary.

The figure 9, which came into the calendar on Jan. 1, 1889, will stay with us 111 years from that date, or until Dec. 31, 1999. No other figure has ever had such a long consecutive run, and the 9 itself has only once before been in a race which lasted over a century—that in which it continuously figured from Jan. 1, 889, until Dec. 31, 999, a period of 111 years. The figures 3 and 7 occasionally fall into odd combinations, but neither of them has ever yet served for a longer period than 100 consecutive years in our calendar since the present mode of calculating time was established. It is also clear that from their relative positions among the numerals it is an impossibility for either of them to appear in date reck- onings continuously for a longer period than a century.

Business Methods.

Great numbers of vast fortunes in this country have been and are being built up on the very ignorance of the masses in regard to business methods. The schemers bank on it that it is easy to swindle people who do not know how to protect their property. They thrive on the ignorance of their fellows. They know that a shrewd advertisement, a cunningly worded circular, a hypnotic appeal, will bring the hard earnings of these unsuspecting people out of hiding places into their own coffers.—Success Magazine.

Her Dilemma.

Young Matron—Why so pensive, dear? Angelina—I'm desperate! Will address me in pale pink, while Max says I'm an angel in blue. I can't have but one gown, so you see my whole future depends on the color I select. It is sending me crazy.—London Tit-Bits.

Courage is resistance to fear, mastery of fear—not absence of fear.

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