



The Primary Catechism on Beer.

(By Julia Colman, National Temperance Society, New York.)

LESSON I.—MALTING.

Q.—What is beer?

A.—A fermented liquor made from malted rains.

Q.—What grain is commonly used?

A.—Barley?

Q.—How is the barley malted?

A.—It is sprouted, and then dried.

Q.—What is the object of malting?

A.—To turn the starch of the grain into sugar.

Q.—Why does the maltster wish to turn the starch into sugar?

A.—To make alcohol by the decay or fermentation of the sugar.

Q.—How much weight does the grain lose by malting?

A.—About twenty pounds in every hundred.

Q.—How is the food value of grain affected by sprouting?

A.—It is greatly injured, so that it cannot make good bread.

Tobacco and Its Effects.

(Edward Witty, in 'Onward.')

The moral results of tobacco are also serious. It is a selfish habit. Those who use it think only of their own so-called comfort and do not think how offensive this habit may be to others. That it is filthy the user of tobacco will not deny. Statistics of temperance societies show that those who use tobacco break away from their pledge in greater numbers than those not addicted to its use. The use of tobacco often leads to the use of strong drink. Dr. B. W. Richardson, of England, who has done more for scientific temperance than any other man, says: 'I gave up wine, beer, and every other alcoholic drink with infinitely less trouble than smoking. We generally find that when a man smokes he has a desire for alcohol to relieve him of the sinking sensation which the tobacco produces. I speak from personal experience, for I would have been led into the field of total abstinence five years before I was, had it not been for the smoking habit.'

In a recent circular the College of Physicians in France informs us that twenty thousand persons die annually in that country from tobacco poison. As far as natural physique was a guide, the Emperor Frederic William of Germany bade fair to reach the ripe old age attained by his father, but a cancer in the throat caused by excessive smoking brought to an untimely grave one of the noblest monarchs that ever held a sceptre in the Fatherland. General Grant could advise the students of Girard College never to use tobacco in any form, but in spite of the repeated warnings of medical men he could not break himself loose from its shackles, until it caused his death.

The tobacco product of the United States from the census of 1880, is 472,661,159 pounds, taking 638,841 acres to raise it. The amount spent for tobacco in the same country annually is \$600,000,000. In the city of Chicago \$24,500 are spent for cigars alone in one day. At seven percent, compound interest, if you use one cent's worth of tobacco a day for thirty years, it will cost you \$344; at five cents a day it will cost you \$1,-



THE LATE HON. MR. JUSTICE GROVE.

A Scientific Judge Gives His Opinion on Drink.

(Late Mr. Justice Grove, author of 'The Correlation of Physical Forces,' and well known as a scientific expert.)

The offence of the prisoner is a very grave one (drunken assault on his father) committed under the influence of what is a very great evil, and which, unless it be checked, will destroy the welfare of this country. There was probably no intention on the part of the prisoner to injure his father, but the law does not recognize intemperance as any excuse for crime.

The prisoner appears to have listened, as many others have done, to what is said about the poor man's glass of beer and other rubbish of that kind.

It has been clearly shown that drink is entirely unnecessary for long voyages, and every kind of hardship has been endured upon cold water, and yet, notwithstanding, the country is still burdened with the incubus of intemperance.

When he comes out of prison he had better become a teetotaler and drink nothing but water, for the first glass will probably lead to others, and he may ultimately have another attack of delirium tremens, and be charged even with murder.—Gloucester Assizes, 1876.

723; at fifty cents a day it will cost you \$17,239.

In this fair Canada of ours \$50,000,000 is paid annually for the use of this luxury. We Canadians complain of hard times, and of the enormity of our national debt, but enough money is spent for tobacco alone to pay all our national debt in less than ten years. What misery might be reduced, what suffering alleviated, what charitable institutions endowed, what churches erected, what public improvements made, with the money that is squandered for the gratification of this appetite?

Fred's Temptation.

A number of students once met together in one of their rooms for an evening, and among them was one who had been very successful in his examination. He was at the head of his class. But that day, for the first time, he had fallen behind. This made him gloomy and sad. All the others were happy and merry. In course of the evening one of his class-mates said to him: 'Come, Fred, drink some of this wine: it'll make you feel better.' Just then the tempter

whispered: 'Take it, and throw off the thought of failure.' Another voice, as from above, said: 'Don't, be brave and face your failure like a man.' He stretched out his hand. He paused. A great struggle was going on in his soul. The question was whether he should obey the voice of God, or whether he should turn a deaf ear to that loving appeal and listen to the voice of the tempter. Then in a moment he withdrew his hand and left the room. It was the turning-point of his life. He followed God's call and became a great and good man, whereas had he rejected he would have gone downward from bad to worse and ended in darkness.—'Everybody's Paper.'

A Brain Poison.

Professor E. L. Youmans says that alcohol is specifically and to all intents and purposes a cerebral poison. It seizes with its disorganizing energy upon the brain, that mysterious part whose steady and undisturbed action holds a man in true and responsible relations with his family, with society, and with God; and it is this fearful fact that gives to government and society their tremendous interest in the question.