

greatly increased by even a "moderate" use of alcoholic drinks. [15]

6. Shew that alcohol is rightly named a *stimulant*, and contrast the weariness that follow its use with that arising from physical exercise. [15]

7. Give several illustrations to show that the use of artificial drinks is unnecessary. [15]

AGRICULTURE.

NOTE.—Only five questions are to be attempted. A maximum of five marks may be added for neatness.

1. (a) What evils result to the soil and to the crop from the growth of weeds? [7]

(b) What means should be taken to destroy the Canada thistle? [8]

2. Explain the terms: temporary pasture, soiling, surface drainage, trenching, rotation of crops. [15]

3. How could one tell whether a field covered with a crop of wheat half-grown, needed draining or not. [15]

4. "The principal operations in preparing the soil for the seed are plowing, cultivating, harrowing, and rolling."—*Text-Book*. [15]

How does each one of the processes just named affect the soil and the plant growth?

5. (a) Why is subsoiling beneficial to the crop? [8]

(b) What precautions should be taken, in subsoiling, as to the condition of the land and to the time of the year? [7]

6. "When fertilizers are applied to soil, it will generally happen that any one kind of crop will not be able to make use of all the elements of plant food which they contain."—*Text-Book*. [15]

What can the farmer do, that *all* the elements may be used?

7. Write, what you can, on the cultivation of wheat, under the following heads:—

- (a) Preparation of the soil,
- (b) Quantity of seed per acre,
- (c) Time for sowing,
- (d) Time for harvesting.

JUNIOR LEAVING AND PASS MATRICULATION. 1891.

ENGLISH GRAMMAR AND RHETORIC.

Examiners: W. J. Alexander, Ph.D.; T. C. L. Armstrong, M.A., LL.B.; J. E. Bryant, M.A.

NOTE.—All candidates will take section A. Candidates for the Junior Leaving Examination will take any one question of section B, and candidates for Junior Matriculation any one question of section C.

A.

This delusive *itch* for slander, too common in all ranks of people, whether *to gratify* a little ungenerous resentment; whether oftener out of a principle of levelling, *from* a narrowness and poverty of soul, ever impatient of merit and superiority in others; whether from a mean ambition, or the insatiate lust of being witty (a *talent* in which ill-nature and malice are no ingredients); or lastly, whether from a natural cruelty of disposition, abstracted from all views and considerations of self; to which one, or whether to all jointly, we are indebted for this contagious malady, this much is certain, from whatever seeds it springs, the growth and progress of it are as destructive to, as they are unbecoming, a civilized people. *To pass* a hard and ill-natured reflection upon an undesigning action; to invent, or *which* is equally bad, to propagate, a vexatious report without colour and grounds; to plunder an innocent man of his character and good name, a jewel *which* perhaps he has starved himself to purchase and probably would hazard his life to secure; to rob him at the same time of his happiness and peace of mind, perhaps his bread; the bread, *may be*, of a virtuous family; and all this, as Solomon says of the madman who casteth firebrands, arrows, and death, and saith, "Am I not in sport?" all this out of wantonness, and oftener from worse motives, the whole appears such a complication of badness *as requires* no words or warmth of fancy to aggravate. Pride, treachery, envy, hypocrisy, malice, cruelty and self-love may have been said, in one shape or other, to have occasioned all the