

with strawberries or potatoes; and the fourth, a neglected field, where the weeds use moisture that should have been available for useful plants. Which of these was the most wasteful? Why?

Again, take two flower-pots filled with soil—one loose and the other compact. Be sure that they are completely filled. From a watering can, sprinkle water on the soil in each. In which case is the water retained by the soil? Then, does a well cultivated field—if it be on a slope—get more or less good from a shower of rain than the neglected field?

These experiments are not valuable in themselves; but, if the teacher applies the results to farm and garden operations, she is doing much more good than if she hears her pupils recite that a certain king of England ate too many lampreys.

It may be claimed that this is Physics instead of Botany. But one valuable truth is that Botany cannot be taught without reference to Physics and to many other useful sciences. This is one point in its favour.

### February Birthdays.

- Feb. 3, 1809—Bartholdy Mendelssohn.
- Feb. 3, 1811—Horace Greeley.
- Feb. 5, 1837—Dwight L. Moody.
- Feb. 5, 1810—Ole Bull.
- Feb. 7, 1812—Charles Dickens.
- Feb. 8, 1819—John Ruskin.
- Feb. 11, 1847—Thomas A. Edison.
- Feb. 12, 1809—Charles Darwin.
- Feb. 12, 1809—Abraham Lincoln.
- Feb. 18, 1775—Charles Lamb.
- Feb. 19, 1809—Edgar A. Poe.
- Feb. 22, 1819—James R. Lowell.
- Feb. 22, 1732—George Washington.
- Feb. 23, 1635—George Handel.
- Feb. 26, 1802—Victor Hugo.
- Feb. 27, 1807—H. W. Longfellow.

"What's little Willie crying about?"

"Because he doesn't get a holiday on Saturday and his brother does."

"But why doesn't Willie get a holiday on Saturday?"

"Because he isn't old enough to go to school yet."

Although I have changed my profession as well as my name, I look forward to the coming of the REVIEW as eagerly as ever, and find it just as helpful.

H. B. F.

### Questions on Scott's "Lady of the Lake."

M. WINIFRED McGRAY, Yarmouth, N. S.

1. When does the linnet sing best? Quote, "The ptarmigan in snow could spy." Explain. Why hooded falcon? Ever unhooded? What does Scott say about falcons in his "Abbot"? What part does a hawk play in hunting? Collect other bird passages and explain their particular meaning.

2. "Men from memory erase

The benefits of former days."

Give instances from history, fiction, or real life.

3. Collect evidences that the isle is near the mainland.

4. From "Tweed to Spey." Show on the map; also, Menteith, Silver Teviot, Stirling.

5. What rank and honours had Ellen lost? What was her birthright place? Why Lady of the Bleeding Heart?

6. Describe and compare Malcolm Graeme and Roderick Dhu. Why Dhu? Which of the two men do you prefer? Ellen? Why? What was each to Ellen? What relation was Ellen to Lady Margaret?

7. Any families descended from Clan Alpine? What is their emblem?

8. For what and why did Sir Roderick expect a dispensation from Rome?

9. What debts did Ellen owe to Roderick's house? How was she willing to pay them? How did Roderick want them paid?

10. What did Ellen think of the stranger guest? At his departure how was Ellen's fidelity to Malcolm put to a severe test?

11. Describe Roderick's approach and compare with that of the Douglas.

12. What had Roderick been doing during his absence? The Douglas? "'Tis mimicry of noble war." What is? Why?

13. Describe the music of the pipers. Why is so much said about the pine-tree?

14. Scott's use of *mellow*. Quote. Find at least a dozen examples of Tennyson's use of *mellow*.

15. Who went to the shore to meet Roderick? Why didn't Ellen go? Did Roderick expect her to be there? How do you know? What did Lady Margaret think about it?

16. "Oh, it out-beggars all I lost!" Who lost what? How did he lose it? What were the Douglas wrongs?

17. If you were an artist, how would you paint Ellen as (a) "Guardian Naiad of the strand"? (b) "Lady of the Bleeding Heart"? (c) "Fabled Goddess of the Wood"?

18. How did Roderick ask for Ellen's hand in marriage? What does he say himself of his speech? Did he ask Ellen or her father? Who were present? Is this customary?

19. How did Ellen receive this marriage proposal? Who gave Roderick his answer? Why? What was the answer? Of what was Malcolm afraid as he watched and listened?

20. Give the cause of the quarrel between Roderick and Malcolm. Who or what stopped it?