

(antithetical to *privatus*) *tolerate Catiline!*
 . . . Nam illa antiqua . . . Tr.

For the following cases of ancient date I pass
 over, i.e. . . . and thee, *Servilius* . . .

Reading *quodque*, the MSS. reading, and
 supposing a lacuna before it.

Novis rebus studentem, *aiming at revolution.*

Vehemens et grave, *sharp and authoritative.*

Non deest . . . the wisdom and
 authority of this house does not fail the country
 (reip. dat.).

SCIENCE.

BOTANY,

BY H. P. S.

1. What is meant by annuals, biennials, and perennials? Give examples of each.
2. Explain the botanical terms cryptogam, caryopsis, involucre, samara, rhizome, exogen, didynamous, chlorophyll, epidermis, pappus.
3. The insertions of stamens are either hypogynous, perigynous, epigynous, epipetalous or gynandrous. Explain these terms, and mention flowers in which the stamens are so inserted.
4. Account for the changing of the colour of leaves in autumn. Why do leaves fall?
5. Distinguish the following classes of Ferns: Polypod, Common Brake, Sensitive, Shield fern and Moonworts. How are the sori or fruit-dots placed in each class?
6. Collect a number of leaves, common to your locality, and fill a properly framed schedule with a description of each.
7. Of what does the food of plants chiefly consist? In what way do plants receive their nourishment?
8. Distinguish between a root and an underground stem. What plants have underground stems?
9. What effect has light and temperature upon the growth of plants?
10. Give specimens of the following kinds of fruits: drupes, pomes, gourds, collective, and silique.

11. Name, giving examples, the different kinds of flower-clusters.

12. Why do plants in a window recline towards the light?

13. Name common examples of the orders Coniferæ, Compositæ, Rosacæ. What are the general characteristics of each order?

14. Describe as fully as you can the (1) fertilization, (2) germination, (3) pollination, (4) respiration and (5) the transpiration of plants.

15. Describe the general structure of the common mushroom.

16. Examine carefully the following plants, and place in schedule-form your result: Indian turnip, red clover, lady's slipper, garden pea, and shepherd's purse.

CLASS-ROOM.

QUESTIONS ON THE EARLIER PORTION OF ENGLISH HISTORY.

1. (a) Contrast the character, customs, and religion of the Romans with that of the Britons.
- (b) What effect had the Roman occupation of Britain upon the inhabitants in these respects?
2. Contrast the Roman conquest of Britain with the English conquest, giving reasons for this contrast.
3. Briefly summarize, where possible, the customs, etc., that we have inherited from each of the various nations that have conquered Britain.
4. Show from your answers to Nos. 2 and 3 why the country and its people have been named from the one conquest and not from any of the others.
5. Write notes on the progress in the general condition of the people during the early English period.
6. (a) What writers are said to have laid the foundation of English Literature?
- (b) Name some builder upon this foundation in each succeeding century down to the present.
7. Name a few of the chief leaders in the Church in this early period of our history.