

COMPOSITION.

1. Expand the words printed in *Italics* in the following sentences into clauses:

The rainbow *seen yesterday afternoon* was very beautiful. The door *being opened*, the people crowded into the hall. No one doubts the *roundness of the earth*.

2. Write the following in as many ways as possible without changing the meaning, and state which you consider the best:

"Now fades the glimmering landscape on the sight."

3. Transpose the following to the prose order without altering the sense:

Boast not my fall, he cried, insulting foe;
Thou by some other shalt be laid as low;
Nor think, to die dejects my lofty mind;
All that I dread is leaving you behind.

4. What is a paragraph? Expand the following sentence into a paragraph: "In the wintry solitudes of Siberia the skin of the reindeer affords protection to man against extreme cold; but in the sultry plains of S. America there is no refuge from the burning sun above and the heat reflected from the glowing soil, save where, at vast intervals, small clumps of the *Mauritia* palm afford a scanty shade."

5. Specify the figures of language in the following: Grateful persons resemble fruitful fields. Virtue is a jewel. The sceptre shall not depart from Judah. The pen is mightier than the sword. Have you read Homer? The sea saw it and fled. When all men speak, no man hears.

6. Give the rules for perfect rhyme, and give an example of simple regular pentameter.

BOOKKEEPING.

(Candidates who prefer may substitute for this paper that on French, given below. If papers on both subjects are handed in by the same candidate, no credit will be given for either.)

1. Write an application for a situation as clerk.
2. Explain, Abatement, Bill of Entry, Bullion, Indorser, Net Proceeds, Discount, E. & O. E. Amt.
3. Make out an account sales of 8,000 bushels of potatoes, 150 bbls of mackerel and 40 tons of hay for account of John Smith & Co.
4. Enter in Day Book, Cash Book, Bill Book, and Ledger the following transactions:
 - (1) Sold goods to A to the amount of \$1,000, receiving cash on account \$500 and note for balance payable in 3 months.
 - (2) Sold goods to B on account \$1250, received from him at same time 100 kegs of nails at \$2 50 per keg and 5 tons of iron at \$80 per ton.
 - (3) Bought goods from C to the amount of \$2,000, payable one-half cash and giving my note for balance, payable at Merchants' Bank in 4 months.

FRENCH.

Translate into English:

"Dans une ville d'Asie, il y avait deux malheureux bien pauvres, dont l'un était perclus, et l'autre aveugle. Celui-ci qui n'avait pas même un chien pour le conduire, arriva à tâtons près du malade; il l'entendit crier, et le plaignit. "Vous et moi," lui dit-il "nous trainons une misérable existence; pourquoi je vous prie, n'unirions-nous pas nos forces ensemble? Peut-être qu'ainsi nous pourrions rendre nos maux plus supportables." "Hélas mon frère" lui répondit l'autre, "ignorez-vous que je puis à peine faire un pas; et vous savez bien que vous-même n'y voyez goutte." "Cela est vrai" continua l'aveugle "mais cela n'empêche pas, qu'à nous deux, nous ne possédions les facultés qui nous sont nécessaires à chacun; j'ai de bonnes jambes, et vous, vous avez de bons yeux; moi je vous porterai, et vous me dirigerez; de cette manière je marcherai pour vous, tandis que vous y verrez pour moi."

1. Give the singular of *maux*, *yeux*, and parse *aveugle*, *perclus*, *malheureux*, *un pas*, *chacun*, *tandis que*.
2. Name the different classes of pronouns in French, with examples of each class, taking as many as possible from above extract.
3. Parse and give primitive tenses of *conduire*, *entendu*, *plaignu*, *pourrions*, *verrez*.
4. Write in full the Futre of *faire* and *savoir*.

Translate in French:

Have you slept well? I am twenty years old and my brother is sixteen. She is never satisfied, she has no friends, she loves nobody. To whom does this meadow belong? What were you looking for yesterday, when I saw you? This house cost five thousand dollars. Why do you not wait for me? How is your

aunt this evening? The bookseller has some fine pen knives. What do you think of my horses? Do you think he has done it? That is of no use to me. The grapes are ripe. The wolf is in the forest. Let us go to dinner. The fox arrived before the crow. You have time to do this four times.

GRAMMAR.

1. Write a full note on the distinction between *proper* and *common* nouns.
2. State fully the rules for the formation of the possessive case. Correct or justify the following sentences: "Most of the M's. P. P. have arrived in town." "This was bought at Brown's the apothecary."
3. Parse the following sentence, pointing out any grammatical irregularity in its structure:
"Now either spoke, as hope or fear impressed
Each their alternate triumph on his breast."
4. Give principal parts of following verbs: *rid*, *ride*, *rend*, *shed*, *plead*, *dive*, *learn*, *light*, *wed*, *speed*, *weave*, *mow*, *tear*, *tread*, *clothe*, *get*.
5. Give as many special rules as you can for the proper position of the *adverb* in a sentence.

ANALYSIS.

1. Point out and illustrate the distinction between *phrases*, *clauses* and *sentences*.
2. "All absolute phrases are extensions of the predicate." Explain this statement by one or more illustrations.
3. Give both a general and detailed analysis of the following sentence:—"The market girl reckoned that, if her milk sold well, she could get at least six dozen eggs which, when they were hatched and grown to be chickens, might be sold, before May came round, for as much money as would buy her the best dress that could be found in the village."

ARITHMETIC.

1. Multiply 00247 by 3625 and divide the product by 00000325, giving principles determining the position of the decimal point in each case.
2. Express $\frac{1}{4}$ of 2-5 of 26 rods $3\frac{1}{2}$ yds. 2-ft. 11-in. as the fraction of $\frac{325}{1}$ of a mile.
3. Bought cloth at \$2 per yd. and sold the whole at a profit of \$120; had it been sold at 20 per cent. less there would have been a loss of \$96. How many yards were there?
4. What three numbers between 30 and 140 have 12 for their greatest common divisor and 2772 for their least common multiple?
5. Explain the terms, *stocks*, *shares*, *premium* and *par*. If by investing in the 6 per cents at $91\frac{1}{2}$ a man obtains an income of \$320, what would be his income if he invested an equal sum in the 5 per cents at 80?
6. Divide \$700 among 4 persons, so that B may have three times as much as A, C half as much again as A and B together, and D as much as A, B and C together.

BOTANY.

1. Of what do seeds consist?
2. Describe the growth of a branch.
3. Name and give examples of the different varieties of tap-root.
4. Describe the structure and veining of leaves.
5. Describe the process of grafting; what object is gained by this mode of propagation?
6. What are neutral flowers?
7. How are fruits classified? Explain the terms *dehiscent* and *indehiscent*.
8. Enumerate the various uses of plants in the economy of nature.

ALGEBRA.

1. Illustrate the rule that "the powers of the same number are multiplied together by adding the exponents," and find the continued product of $x-y$, $x+y$, x^2-xy+y^2 , x^2+xy+y^2 .
2. Explain the term *Greatest Common Measure* as used in Algebra, and find the G. C. M. of x^2-6x+8 and $4x^3-21x^2+15x+20$.
3. Simplify:

$$\frac{m^2+n^2}{n} \div \frac{m^2-n^2}{m^3+n^3}$$

$$\frac{1}{n} - \frac{1}{m}$$