Horace—Odes, Books I. and II.

1. Translate—

O matre pulchra filia pulchrior,
Quem criminosis cunque voles modum
   Pones iambis; sive flamma
    Sive mari libet Adriano.

Non Dindymene, non adytis quatit
Mentem sacerdotum incola Pythius,
   Non Liber aeque, non acuta
    Si geminant Corybantes aera,

Tristes ut irae; quas neque Noricus
Deterret ensis, nec mare naufragum,
   Nec saevus ignis, nec tremendo
    Jupiter ipse ruens tumultu.

Fertur Prometheus, addere principi
Limo coactus particulam undique
   Desectam, et insani leonis
    Vim stomacho apposuisse nostro.

2. Parse, giving rules, *iambis, adytis, irae, fertur, addere, apposuisse.*
3. Who were the Corybantes? and why is *ensis* called *Noricus?*
4. Translate—

Truditur dies die,
   Novaeque pergunt interire Lunae.
Tu secanda marmora
   Locas sub ipsum funus; et, sepulchri
Immemor, struis domos;
   Marisque Baiis obstrepentis urges
Summovere litora,
   Parum locuples continente ripa.

Quid? quod usque proximos
   Revellis agri terminos, et ultra
Limites clientium
   Salis avarus; pellitur paternos
In sinu ferens Deos
   Et uxor, et vir, sordidosque natus.

5. Scan the first four lines of this passage (4) and name the metre.

ARITHMETIC.

1. Prove that, if any three of the terms *divisor, dividend, quotient, remainder,* be given, the fourth term can be found.

2. A horse and his harness cost £90; the horse cost five times as much as the harness: what did the horse cost, and what the harness?

3. What is the value of $(2\frac{2}{3} + 3\frac{3}{4} + 5\frac{5}{6} \div 4\frac{4}{5} + 8\frac{5}{6}) + (10\frac{9}{10} - 5\frac{7}{8})$?

4. Reduce 10 lb. 8 oz. 16 dwt. 13 gr. to the decimal of 17 lb. 4 oz. 6 dwt. 16 gr.

5. 32 metres being equal to 35 yards, how many metres are there in a degree of $69\frac{1}{2}$ miles?

6. Seven stacks of hay being worth £186 4s., how much of one stack can be bought for £19?

7. I want to make 20 per cent. profit by selling articles which I bought at 5 for 3d. How must I sell?

8. Three persons had £1,000 between them. The first had $\frac{7}{8}$ of the second's share, and the third $\frac{5}{6}$ of the first. How much had each?

9. Find as a decimal the average of $6\frac{5}{8}$, 1·19, $83\frac{12}{20}$, 0, ·026, $\frac{5}{12}$, 99, and $45\frac{3}{4}$.

10. The interest on £232 11s. $7\frac{1}{2}$d. for ten months being £10 2s. $8\frac{1}{2}$d., what sum will yield the same interest in 17 months?

11. A man embarks his money in four *successive* ventures, putting all he has at the time into each venture. Into the first he puts £120 and makes cent. per cent. profit. In each succeeding venture he loses 20 per cent. How does he stand in the end?

12. Tom had 5 buns, Dick had 3 buns, and Harry had 8d. They divided the buns fairly, and Harry put down the 8d. as his share of the cost. Dick took 3d.; but Tom objected. Was Tom or Dick right, and what should each have got?

13. How much per cent. does a tradesman cheat his customers out of, if he uses a 1-lb. weight which is 13 drachms too light?

GEOGRAPHY.

1. Explain the following terms: Archipelago, Cyclades, Delta, Ghauts, Landes, Pampas, Polders Prairies, Sahara, Sunderbunds.

2. About what distances between the different ports would a steamer have to go that started from Wellington, and called at Picton, Nelson, Greymouth, Hokitika, Martin's Bay, the Bluff, Port Chalmers, Lyttelton, Wellington, Napier, Auckland, Bay of Islands, Manukau, New Plymouth, Nelson, and thence back to Wellington?

3. Draw a sketch-map of East Africa, marking the course of the Nile (Blue and White), and the sites of the chief towns on its banks.

4. Mention the chief seats of cotton, woollen, linen, and hardware manufactures in Great Britain and Ireland.

5. Upon what various causes does the magnitude of a river depend? Illustrate your answer by examples.

6. What are trade winds and monsoons? When, where, and in what directions do they blow, and what causes them?

GREEK.

Sophocles—Ajax.

1. What is the full title of this tragedy? To what is the choice of the adjective due? Give some account of the author, the persons, and the plot.