

2. Explain all subjunctives in the extract.
3. Scan the first three verses, marking all quantities.
4. Define and point out any examples of anachronism, hypallage, metaphor.

III.

Translate :

Finierat monitus . . . ab Jove pulsus erat.

OVID, *Fasti* I. v. 227.

1. Derive *clavigerum*, *biceps*, *rursus*, *cur*, *falcifer*.
2. *Didici, veni*, Compare these perfects as to formation.
3. Write brief explanatory notes on *navalis forma*, *forma biceps*, *falcifer deus*, *hac tellure*, *caelitis regnis*.
4. What is the use of prepositions in an inflected language? Briefly illustrate from this passage.

Arts and Medicine.

LATIN PROSE.

Examiner : J. E. Hodgson, M.A.

N.B.—Pass candidates will take I. only. Honor candidates will take I. and II.

I.

1. It is of great importance to your parents and yourself that you should be diligent.
2. Cicero is said to have been the most distinguished of all Roman orators.
3. Even if I had known his design to murder his opponent, I could not have prevented him.
4. Granting that the cause of the war had been a just one, still the general ought not to have acted as he did, without the authority of the Senate.
5. After the battle of Cannae, when his troops were congratulating Hannibal, and advising him to take some rest himself, and give some to his weary troops, one of his officers, by name Maharbal, urged him to start for Rome at once, since he was sure to feast in the Capitol as victor within five days. When Hannibal rejected his advice, Maharbal said: "You know how to conquer, Hannibal, but you do not know how to use victory."

II.

In those days Darius, King of the Persians, had decided to transport his army from Asia into Europe, and make war on the Scythians. He accordingly bridged the river Danube so as to lead his troops across. He left in charge of the bridge in his absence, princes whom he had brought with him from Ionia and Aeolis, to each of whom he had given the complete control of his city, thinking that he would most easily retain in his power the Greek-speaking inhabitants of Asia, by entrusting the control of towns to friends who would have no hope of safety if he were crushed. Among the number to whom that trust had been allotted was Miltiades, who, when frequent messengers reported that Darius was not meeting with success, and was hard pressed by the Scythians, urged the guardians of the bridge not to throw away the fortune-offered opportunity of freeing Greece.

SCIENCE.

H. B. SPOTTON, Editor, Barrie.

UNIVERSITY OF LONDON.

MATRICULATION EXAMINATION, 1885.

Natural Philosophy.

Examiners—Prof. G. Carey Foster, B.A., F.R.S., Prof. A. W. Reinold, M.A., F.R.S.

Only eight questions are to be answered, of which at least two must be selected from Section A.

A.

1. If a body, acted on by several forces, move in a straight line with uniform velocity, what condition must the forces satisfy?
 2. How would you experimentally illustrate the "parallelogram of forces"?
- A force equal to the weight of 20 pounds, acting vertically upwards, is resolved into two forces, one of which is horizontal and equal to the weight of 10 pounds. What is the magnitude and direction of the other component?
3. A man carries a bundle at the end of a stick over his shoulder. If the distance