2.
> " Dost thou so *hunger* for my empty chair
> That thou wilt *needs invest* thee with my honours?
> *Stay* but a little ; for my cloud of dignity
> Is held from *falling* with so weak a wind
> *That* it will quickly drop."—SHAKESPEARE—*Henry IV.*

(a) Analyse the last three lines.
(b) Parse the words in italics.
(c) Give the meaning of the above passage in your own words, explaining so far as you can the figures and metaphors.

3. What are the Latin prepositions that mean *out of, from, under* ? Give examples of words in which they occur, pointing out the force of the preposition in each case.

GEOGRAPHY.

Answer two questions only; but Nos. 1 and 2 *if you can.*

1. Give notes of a lesson on this sentence :—"*All Europeans who live in Calcutta or Madras escape to the hills, if they can, for the hot season.*"

Arrange your notes under these heads :—

(a) Who are meant by " Europeans," and why are they in India ?

(b) Where are Calcutta and Madras? Describe *exactly* the situation of each.

(c) What is the hot season, and what are the causes of it ?

(d) What hills can they go to ? Name any places in the hills.

2. Draw a map, showing the course of the Senegal and the Quorra or Niger, and the coast line between their mouths.

3. Describe the East Coast of Africa, and the islands opposite to it.

ONE hour allowed for females.

TWO-AND-A-HALF hours allowed for males.

HISTORY.

1. Explain the relations of Mary Stuart to the thrones of Scotland, England, and France.

2. How did Charles I. regard Parliament ? What were the consequences ?

3. Show the descent of Queen Victoria from James I.; and compare the extent of dominion of the two monarchs.

PENMANSHIP.

Same exercise as that set for Candidates.

COMPOSITION.

Write from memory the substance of the passage read to you by the Inspector :—

After Romulus had reigned over Rome nearly forty years, he one day called his people together in the field of Mars, near the Goat's Pool, when, all on a sudden, there arose a dreadful storm, with darkness, and thunder, and lightning, so that all the people fled in terror from the field and ran to their several homes. At last the storm was over, and they came back to the field of Mars; but Romulus was nowhere to be found, for Mars, his father, had carried him up to heaven in his chariot. The people knew not at first what was become of him ; but when it was night, as a certain man was coming from the country to the city, Romulus appeared to him in more than mortal beauty, and grown to more than mortal stature, and said to him : " Go and tell my people that they weep not for me any more ; but bid them to be brave and warlike, and so shall they make my city the greatest in the earth."

EUCLID.

[All generally understood abbreviations for *words* may be used, but not symbols of *operations*, such as -, +, ×.]

1. If a side of a triangle be produced, the exterior angle is equal to the two interior and opposite angles; and the three interior angles of every triangle are together equal to two right angles. The difference of the angles at the base of any triangle is double the angle contained by two lines drawn from the vertex, one bisecting the vertical angle, the other perpendicular to the base.

2. Equal triangles upon the same base and upon the same side of it are between the same parallels.

Point out where the *demonstration* begins.

ALGEBRA.

1. Simplify $a-(b-c)-\{b-(a-c)\}-[a-\{2b-(a-c)\}]$; and shew that

$$\frac{a+b}{(a-b)(x-a)} - \frac{b+c}{(a-b)(x-b)} = \frac{x+c}{(x-a)(x-b)}.$$

2. Find the G.C.M. of $a^3(b^4-b^2c^2)$ and $b^3(ab+ac)^2$.

3. Solve the equations :—

(1) $\dfrac{7\cdot1-8x}{\cdot5} - \cdot8x = \cdot44.$

(2) $\dfrac{12}{x} + \dfrac{1}{12x} = \dfrac{29}{24}.$

PUPIL TEACHERS AT END OF FOURTH YEAR *(if apprenticed on, or after, 1st May, 1873)* AND PUPIL TEACHERS AT END OF FIFTH YEAR *(if apprenticed before that date).*

THREE-AND-A-HALF *hours allowed.*

ARITHMETIC.

MALES.

1. Three persons rent a piece of land for £60 10s., the first puts in 5 sheep for 4½ months, the second 8 sheep for 5 months, the third 9 sheep for 6½ months ; what share should each pay of the rent ?

2. Compare the incomes to be derived from investing £8,500 in the 8½ per cents at 98, and £8,395 in the same stock at 90¾.

3. If teas at 2s. 9d., 8s. 8d., 2s. 4d. respectively be mixed in equal quantities, and the mixture be sold at 16 guineas per cwt., what will be the gain or loss per cent.?

4. What per-centage on $\sqrt[3]{1,000,000,000}$ is $\sqrt{112} \times \sqrt{175}$?

5. Find two decimal fractions together equal to $\frac{1}{16}$, and such that one shall be $\frac{1}{18}$ of the other.

FEMALES.

1. What sum of money will amount to £256 10s. in four years at 8½ per cent. simple interest ?

2. If a man travel 198 miles by railway for £2 9s. 6d., how far at the same rate of charge ought he to be carried for £8 0s. 10½d. ?

3. The price of a work which comes out in parts is £2 16s. 8d. ; but if the price of each part was 13d. more than it is, the price of the work would be £3 7s. 7d. How many parts are there ?

4. Divide £11,000 among four persons—A., B., C., D.—in the proportions of $\frac{1}{3}$, $\frac{1}{3}$, $\frac{1}{4}$, and $\frac{1}{5}$.

GRAMMAR.

1.
> " And to a pleasant grove I 'gan to pass
> Long *ere* the brightë sun *uprisen* was ;
> In which were oakës great, straight *as* a line,
> Under the which the grass, so fresh of hue,
> Was newly *sprung ; and an eight foot or nine
> Every tree well from his fellow grew,*
> With branchës broad, laden with leavës new,
> That sprangen out against thes unnö sheen ;
> Some very red ; and some a glad light green ;
> Which, as *me thought,* was a right pleasant sight."

CHAUCER, "The Flower and the Leaf."

(a) Notice any points in which the English of the above passage differs from modern English.

(b) How many sentences are there in it, and by what means are they connected ?

(c) Name the particular kind of sentence to which each belongs.

(d) Parse the words in italics.

2. Give the origin (old English derivation) of the following words : *ought, must, durst,* and of *better, worst, least, cunning.*

GEOGRAPHY.

1. Give notes of a lesson on " Central America," and illustrate it by a map.

2. Describe fully the Indian Ocean, with the seas, gulfs, and bays connected with it, its chief currents and periodical winds.

ONE hour allowed for females.

TWO-AND-A-HALF hours allowed for males.

HISTORY.

1. What families have occupied the throne of England since 1066, and from what countries did they severally spring ?

2. Mention the chief foreign possessions of the British Crown, and tell when they were severally acquired.

3. Give some account of the chief manufactures of England. Tell in what parts of the kingdom they are now carried on, and point out any changes which have taken place in this respect.

PENMANSHIP.

Same exercise as that set for Candidates.

COMPOSITION.

Write an essay on *The difference between Trades and Professions.*

EUCLID.

[The only abbreviation allowed for " the square on AB " is " sq. on AB," and for " the rectangle contained by AB and CD " " rect. AB, CD."]