

Latin Annual Examination 1958 Third Forms
1.5 hours

1. Decline in the singular:

- a. gravior onus
- b. hic impetus
- c. idem caput
plural
- d. quidam vir
- e. ille latro.

2. Give the comparative and superlative of the following:

celeriter, malus, facilis, magnus.

3. Translate

- a. Nonne ignoratis?
- b. Quotiens?
- c. Aut tu aut ego.
- d. Alius senis.
- e. Sit noster dux!
- f. Pueri ipsi.

4. Translate

- a. As often as possible.
- b. Let them stay.
- c. For four years.
- d. He hurried home.
- e. Much more wisely.
- f. Don't sit down (pl).

5. Translate

- a. Who was the man by whom we were blamed yesterday?
- b. Will you stay at home or will you come with me to the games?
- c. The robbers marched to the general's city to find his booty.
- d. Since this was so, we all left our school.
- e. Be quiet, children! How many oxen will you count in order to sleep?
- f. On the eighth day, the guards will shut the gates which we opened.
- g. By whose help did he do his work? Surely the master helped him, didn't he?

6. Translate the Latin passage into English.

The Gauls, having attacked the city of Rome, besiege the citadel but are unable to capture it.

Galli, ubi paucos dies in urbe manserunt ut praedam e templis domibusque maximam compararent, tandem in arcem impetum fecerunt. Prima luce omnes in forum iterum convenerunt; deinde magno clamore ad collem contenderunt. Romani tamen, cum fortiter pugnarent, eos vicerunt. Cum igitur, nulla victoriae spes esset eo die, Galli obsidionem paraverunt. Mox in periculo ingenti arx erat. Galli enim ipsi viam quae ad arcem ducebat, invenerant et collem nocte ascenderunt. Custodes Romani nihil audiverunt; ne canes quidem excitati sunt, sod erant in arce anseres quidam, deae sacri, qui signum Romanis dederunt.

obsidio - ionis (fem.) siege

ascendo - ere ascendi to climb.

anser anseris (masc.) goose.

Why not have a go now and see how you do today?

Chemistry Annual Examination 1958 Third Forms (1.5 hours)

Section A answer all questions in this Section, spending about 30 minutes on the entire Section.

- A1. Name (a) one basic oxide, (b) one acidic gas, (c) one non-metallic element, (d) one alkali, (e) one salt which contains water of crystallization.
- A2. State whether each of the following is an element, a mixture or a compound:
a) potassium chlorate, (b) iron, (c) brass, (a) sulphuric acid (conc.) (e) hydrogen,
- A3. State two differences between metals and non-metals
- A4. Describe two ways in which you could distinguish between an acid and an alkali.
- A5. (a) Name two substances which on heating give oxygen.
(b) Name two metals which will dissolve in dilute sulphuric acid.
- A6. Powdered charcoal and copper oxide are both black powders, What chemical test would you apply to distinguish between them?
- A7. If you had three unlabelled bottles containing respectively copper sulphate, sodium chloride and calcium carbonate, how could you distinguish between them using physical means only?
- A8. How could you obtain a specimen of pure sulphur from a mixture of magnesium powder and sulphur?

Section B

Answer three questions. Marks will be given for clear labelled diagrams.

- B9. How would you prepare several gas jars of oxygen in the laboratory?
(You need not describe anything which is clearly shown in your drawing)
What is the purpose of a catalyst in a reaction?
State two uses of oxygen.
- B10. Give a detailed description of how you would obtain a pure crystalline specimen of copper sulphate starting from copper oxide.
- B11. Describe an experiment to show that water is a compound of hydrogen and oxygen. State two physical and two chemical properties of water.
- B12. Name and describe four classes into which oxides may be divided. Give the name of one oxide belonging to each class.
- B13. Define (a) an acid, (b) a base, (c) a salt,
What is the name given to a soluble base?
Give the names of
(i) an acid other than those found on the chemistry lab. bench,
(ii) two insoluble bases,
(iii) two soluble salts,
(iv) two insoluble salts,
(v) What is meant by the term "double decomposition"?

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