

8. How much money invested at $5\frac{1}{2}$ per cent. simple interest will produce an income of £249 14s. 6d. ?

9. A plat of grass 25 yds. 2 ft. by 13 yds. 1 ft. requires $3\frac{1}{2}$ lb. of grass seed to sow it. How much will a plat $33\frac{1}{2}$ yds. square require? Show the answer as a mixed number, also as a whole number and decimals to five places.

10. Simplify $1 - \left(\frac{1}{5} + \frac{3}{8}\right) + \left(\frac{1}{4} + \frac{9}{10}\right) - \left(\frac{3}{5} + \frac{1}{2}\right) - \left(\frac{1}{4} \times \frac{9}{11}\right)$.

11. A man sells goods for £5 4s. 9d., and thereby gains a sum of money which stands in the same ratio to his outlay as £11 stands to £100. How much did the goods cost him?

HISTORY.

1. Under what circumstances and by what right did the following monarchs come to the throne of England:—Alfred, Henry IV., Henry VII., George I. ?

2. For what events in English history are the following places remarkable:—Aboukir, Flodden, Limerick, Lochleven Castle, Pontefract Castle, Troyes, Aix-la-Chapelle, Inkermann ?

3. Sketch the chief events of the reign of George IV., naming of course the persons who took the most prominent parts in those events.

4. For what are the following persons celebrated:—Chaucer, Roger Bacon, Francis Bacon, Benjamin Franklin, Sir John Franklin, Sacheverell, Sir Philip Sidney, Warren Hastings ?

5. What were the origin and objects of the East India Company, the Hudson's Bay Company, and the New Zealand Company ?

6. "London." How early is a town supposed to have stood where London now stands? When and by whom were Westminster Abbey, St. Paul's Cathedral, and the Tower first built? What events happened in London in 1381, 1450, 1665, 1666, 1848, 1851 ?

GEOGRAPHY.

1. Explain the terms *axis*, *poles*, *hemispheres*, *meridian*, *degree*, *tropics*, *zones*.

2. Draw a map of New Zealand as large as your paper will admit, marking on it the provincial districts with their chief towns, the principal capes, harbours, and mountain-peaks.

3. Write a brief geographical description of Canada.

4. How does it happen that, on his way from England to Australia by the Suez route, a traveller finds the British flag flying at Gibraltar, Malta, Aden, and Point de Galle ?

5. Name the Cinque Ports, and state in what counties they are situated.

6. Where are the most strictly agricultural districts of England to be found; and where the manufacturing districts ?

SENIOR.

ENGLISH.

(See paper set for December.)

LATIN.

Horace—Odes, Books I. and II.

1. Translate—

Musis amicus tristitiam et metus
Tradam protervis in mare Creticum
Portare ventis, queis sub Arcto
Rex gelidæ metuatur orae,

Pimplea dulcis! Nil sine te mei
Prosunt honores: hunc fidibus novis,
Hunc Lesbio sacrare plectro
Teque tuasque decet sorores.

Quid Tiridatem terreat, unice
Securus. O, quæ fontibus integris
Gaudes, apricos nocte flores,
Nocte meo Lamiae coronam,

2. Who was *rex gelidæ orae*, and what circumstances are alluded to here ?

3. Scan the first stanza, and name the metre.

4. Translate—

Jam pauca aratro jugera regiae
Moles relinquent, undique latius
Extenta visentur Lucrino
Stagna lacu platanusque caelebs
Evincet ulmos. Tum violaria et
Myrtus et omnis copia narium
Spargent olivetis odorem
Fertilibus domino priori;

Nec fortuitum spernere cespitem
Leges sinebant, oppida publico
Sumptu jubentes et Deorum
Templa novo decorare saxo.

Tum spissa ramis laurea fervidos
Excludet ictus. Non ita Romuli
Praescriptum et intonsi Catonis
Auspiciis veterumque norma.
Privatus illis census erat brevis,
Commune magnum: nulla decempedis
Metata privatis opacam
Porticus excipiebat Arcton;

5. Parse fully, giving rules—*visentur*, *olivetis*, *praescriptum*, *decempedis*, *spernere*, *saxo*.

Virgil—Ænid I. and II.

1. Translate—

Cui mater media sese tulit obvia silva,
Virginis os habitumque gerens et virginis arma,
Spartanae, vel qualis equos Threïssa fatigat
Harpalyce volucremque fuga praevertitur Hebrum,
Namque humeris de more habilem suspenderat
arcum
Venatrix, dederatque comam diffundere ventis,

Nuda genu, nodoque sinus collecta fluentes.
Ac prior, "Heus," inquit, "juvenes, monstrate,
mearum
Vidistis si quam hic errantem forte sororum,
Succinctam pharetra et maculosæ tegmine lyncis,
Aut spumantis apri cursum clamore prementem."