

Conservation of Energy. Energy, like matter, indestructible and transmutable.

Study of the three states of matter. Properties and laws of gases, liquids, and solids. Laws of diffusion.

Elementary laws of heat. Mechanical equivalent. Latent heat. Specific heat, caloric.

PART II.

GREEK.

Translation into English of passages from prescribed texts.

Translation at sight (with the aid of vocabularies) of easy Attic prose, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the prescribed texts by additional practice in the translation of Greek.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation from English into Greek of sentences and of easy narrative passages based upon the prescribed prose texts.

The following are the prescribed texts :—

1898 :—Selections from XENOPHON, *Anabasis* I., in White's *Beginner's Greek Book* (pp. 304-428), with the exercises thereon; HOMER, *Iliad* VI.

1899 :—Selections from XENOPHON, *Anabasis* I., in White's *Beginner's Greek Book* (pp. 304-428), with the exercises thereon; HOMER, *Iliad* VI.

1900 :—Selections from XENOPHON, *Anabasis* I., in White's *Beginner's Greek Book* (pp. 304-428), with the Exercises thereon; HOMER, *Iliad* I.

LATIN.

Translation into English of passages from prescribed texts.

Translation at sight (with the aid of vocabularies) of passages from some easy prose author, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the prescribed texts by additional practice in the translation of Latin.

Grammatical questions on the passages from prescribed texts will be set and such other questions as arise naturally from the context.

Translation from English into Latin of sentences and of easy narrative passages based upon the prescribed prose texts.

The following are the prescribed texts :

1898 :—VIRGIL, *Æneid* I.; CÆSAR, *Bellum Gallicum*, II., III., IV.

1899 :—VIRGIL, *Æneid* I.; CÆSAR, *Bellum Gallicum*, V., VI.

1900 :—VIRGIL, *Æneid* I.; CÆSAR, *Bellum Gallicum*, V., VI.

N.B.—The Roman method of pronouncing Latin is recommended :—*ā* as in *far*, *ā* the same sound, but shorter; *ē* like *a* in *fate*, *ē* as in *set*; *i* as in *machine*; *i* as in *fit*; *ō* as in *note*; *ō* as in *obey*; *ū* as in *rude*; *ū* as in *full*; *j* (i.e., *i* consonant) like *y* in *year*; *v=w*; *c* and *g* always hard as in *can*, *go*; *s* always as in *this*, never as in *his*; *t* always as *t*, never as *sh*; *ai* as *ai* in *aisle*; *ae* either as *ai* in *aisle* or as *ay* in *bay*; *au* as *ou* in *our*; *ei* as in *feint*; *eu*=*eh-oo*; *oe* as *oi* in *oil*; *ui* almost as *wi*.