

8. What is the active nitrogenous substance found in saliva? what is its function? and in what parts of the alimentary tract is that function performed?

9. What three useful purposes may be effected by the thorough cooking of food-substances?

10. Describe the process of deglutition?

11. What is the pharynx? How many openings lead into it?

12. Draw up a set of at least eight rules the observance of which would greatly assist digestion.

13. What are the position, structure, and functions of the stomach?

14. Give the composition of the gastric juice.

15. What sort of food is acted upon by the gastric juice? and by what names is it known in the changed state?

16. Draw a comparison between chyme and chyle.

17. What is the secretion of the pancreas? and what are the functions of that secretion?

18. Write a brief sketch of bile, stating its uses in the human body.

MODERN LANGUAGES.

[Embracing Practical School Work in English, French and German subjects.]

NOTES ON CHRISTOPHE COLOMB.

(Continued from page 34, Vol. III.)

CHAPTER VII.

Homme....profession—A man well informed and prosperous in his vocation.

Si....penchants—Such studious inclinations. Science....du temps—An imaginary science of the period.

Qui vont....assez—Who always go beyond the goal at which the ordinary mind stops, and says (*far*) enough.

Pour disputer...etc.—To contend with the Spaniards, the Arabs, and the Mohammedans for control of its (the Mediterranean's) waves and seaports.

Soldat....fois—Soldier, scholar, and sailor at the same time.

Duc d'Anjou—Louis XI. of France.

Il se....à l'étroit—He felt himself circumscribed.

Ces petites choses—Those insignificant enterprises.

Ligurie—Liguria, the Roman name for that part of Italy bordering on the Gulf of Genoa.

CHAPTER VIII.

Trouvait à la fois—Found for the time being.

Ce petit commerce....etc.—This limited trade barely sufficed for his maintenance.

Poursuivaient....seul—Pursued in thought an object perceived by himself alone.

Un naufrage....naval—A shipwreck following in the wake of a naval engagement.

Pris alors....maritimes—Seized then with a passion for maritime discoveries.

De s'élancer....l'Océan—Of sailing forth upon the ocean in accordance with his desire.

Le travail ingrat—The thankless toil.

Aux religieuses—To the nuns.

Dona—Lady.

Seduite—Charmed.

Elle ressentit....inspiré—She reciprocated the love which she had inspired in him.

Sur la....amant—With a faith in Providence and in toil, the only dowry of Felippa and her husband.

Des globes recherchés—Well finished globes.

La femme *fille* et *sœur*—(See De Fivas' Grammar, 399).

Comme il contournaient—As he mapped off his globes.

Ou flottantes—(See De Fivas' Gram., 583).

L'Occident—The Western countries of Europe as opposed to the Orient.