

195 [printed]

June 1<sup>st</sup> 1886-Continued

Physiology – 10 students – 2 hours a week for half the year and 1 hour for the remainder, that is, 3 hours a week were given to both Chemistry and Physiology the whole session. In Physiology the Senior Preparatory students received instruction in the structure and process of action of the digestive, absorptive, circulatory and excretory organs of the human body. This work was illustrated by means of the microscope, charts, models and specimens.

Junior Preparatory Year. –Physical Geography – 25 students – 1 hour each week. This class was given an outline sketch of the various physical phenomena connected with the movements of the ocean and atmosphere, as the Equatorial current, Gulf stream, Tides, Land and Sea breezes, Trade winds, Monsoons, & c. together with a review of the islands and continents, lakes, rivers, deltas and plains. Physiology – 24 students, 1 hour each week. An elementary knowledge of the structure and functions of the organs of the body, and of the laws which govern health, is sought to be imparted to the members of this class. The work in these subjects, as in all other subjects of the Junior Preparatory Year, has not been so satisfactory as it might have been, had all the members presented themselves at the commencement of the academic year and remained in regular attendance to its close. Nevertheless, much real progress has been made by the class, and many of those who have been obliged by circumstances to leave two or three months before the end of the session, have expressed their intention to be with us through-out the whole of next year.

To the normal students of the Junior Preparatory Year, I gave three hours a week on the subject, School Organization and Methods of Teaching. I also gave these students one extra hour each week in Physiology, these four hours to the Normals continuing during February and March. The attention of the Regents is called to the fact that there is but one professor in the department of Natural Sciences, and he is without a laboratory or other assistant in any of the sub-departments under his charge. Altogether there have been 46 students and 6 classes in the Natural Science subjects the past year. Next year will see nine classes, three being added in the Second or Sophomore year. As scientific instruction is attempted in modern times, many hours practical labor must be preformed by the professor in charge and his assistants, in addition to the time actually occupied with class room teaching. Consequently it