

3. Give the formula, mode of preparation, use, and ordinary dose of each of the following: chloroform, iodide of potassium, acetate of lead and strychnine?

4. Under what circumstances would you prefer a direct to an indirect emetic? State your reasons for that preference?

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WEDNESDAY, April 2nd, 3 to 5 p.m.—*Physiology*.—Dr. Lizards.

1. What are the functions of the foramen ovale in the fœtus, and the results of its non-closure after birth?

2. What is the use of the cerebro-spinal fluid?

3. Describe the different kinds of muscle and their nervous supply?

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THURSDAY, April 3rd, 9 to 11 a.m.—*Theoretical Chemistry*.—Dr. Sangster.

1. Explain the meaning of the terms "latent heat," "specific heat," and the "mechanical equivalent of heat"?

2. Describe the different compounds of S. with O., H. and C., giving the name, formula, molecular weight, preparation and properties of each?

3. Describe the compounds of As. with O., H. & S., as in 2nd?

4. Give the formula and molecular weight, and briefly describe the preparation of the following, viz., bromine, calomel, Scheele's green, vermilion, acetic, oxalic and carbolic acids?

5. Give the formula of the sucroses, glucoses and amyloses? Describe the preparation and composition of dextrine and gun-cotton?

6. Give a brief synopsis of the chemistry of milk?

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FRIDAY, April 4th, 9 to 11 a.m.—*Descriptive Anatomy*.—Dr. Sullivan.

1. How would you remove the spinal cord for examination? At what vertebra does it begin, and where does it end? How is it retained in position? Describe the roots of the nerves; their difference and place of union?

2. Give the course of the large intestine, the relations of the rectum, and name the vessels and nerves supplying the latter?

3. Trace the superior longitudinal and lateral sinuses from the commencement to the point of termination, naming the bones grooved by them?

4. Describe the formation and course of the superior vena cava and greater azygos veins?

5. In the dissection of the neck, where do you see the first