

## LADIES' EDUCATIONAL ASSOCIATION.

SESSION 1878-79.

## PHYSIOLOGY OF NUTRITION.

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*Examiner*..... WILLIAM OSLER, M.D.

1. State briefly the chief differences between Animals and Plants.
2. State the anatomical arrangement of the Organs of Nutrition.
3. Give a classification of Food.
4. What is the composition of Milk? arrange its components under their proper classes.
5. Name the different digestive fluids, and give the important constituents of each.
6. Sketch the progress of digestion in the stomach.
7. What are the functions of the bile and pancreatic fluids?
8. How is absorption effected by the blood-vessels?
9. What do the lacteal vessels absorb, and where do they discharge their contents?
10. Describe the circulation of the blood.
11. How is the act of inspiration effected?
12. What changes does the blood undergo in passing through the lungs?
13. What is the normal temperature of the body? how is it maintained?
14. In the nutrition of the tissues what waste products arise, and how are they got rid of?—

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