

BOARD FOR THE FINAL EXAMINATION OF
STUDENTS IN YORKSHIRE TRAINING COLLEGES

FINAL EXAMINATION, 1937.

PHYSIOLOGY AND HYGIENE.

SATURDAY, *June 26th.* 9.30—12.30.

Carnegie Hall Physical Training College.

[*Not more than four questions to be attempted.*]

1. How does the heart adapt itself to give increased supplies of blood to active tissues during exercise?

2. What do you understand by the term "reflex action"? Describe *briefly* the physiological nervous mechanisms employed in walking.

3. What is the normal range of human body temperature? How is it controlled and to what extent is control affected by atmospheric conditions?

4. Why should the amount and type of food allowed an adult depend upon his activities? Indicate, as far as possible, how data have been obtained to substantiate the allowance.

5. Discuss some of the factors which may affect the mechanical efficiency of a skeletal muscle.