



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2007/2008

SELF- SPONSORED PROGRAM -SCHOOL BASED

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
EDUCATION

SLR 202: HUMAN PHYSIOLOGY

DATE: Friday 4th January 2008

TIME: 4.00 – 6.00 p.m.

INSTRUCTIONS:

1. Expound on glycolysis and its contribution to physical activity and exercise.
(16.7 marks)
2. (a) Differentiate between chemical and mechanical digestion. (3 marks)
(b) Explain digestion of food in the small intestines. (13.7 marks)
3. (a) Differentiate amongst the three types of muscles. (6 marks)
(b) Explain the role of the muscular system in the human body. (10.7 marks)
4. Using a labelled diagram of the nephron, expound on how the kidney accomplishes its task of purifying blood as well as regulating its osmotic pressure. (16.7 marks)
5. (a) Give a rationale for maintaining a constant core temperature. (3 marks)
(b) Expound on the role of Nervous system in regulating body temperature.
(10.7 marks)
(c) Highlight the three physiological means of body temperature regulations.
(3 marks)
