



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2007/2008

INSTITUTIONAL BASED PROGRAMMES

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE

SLR 101: FUNCTIONAL HUMAN ANATOMY

DATE: Thursday 28th August, 2008

TIME: 11.00am-1.00pm

INSTRUCTIONS:

Answer any THREE questions.

1. (a) Elaborate on levels of structural organization that are associated with one another in a human body. (7.8 marks)
(b) Explain all life processes in a living organisms that set them apart from non-living things. (7.8 marks)
(c) Explain the principal systems of the human body. (7.8 marks)
2. (a) Elaborate on the main types of muscle tissues. (11.7 marks)
(b) Explain the properties of skeletal muscles. (11.7 marks)
3. (a) Elaborate on a joint or an articulation surface. (7.8 marks)
(b) Explain the types of joints (7.8 marks)
(c) With examples elaborate on the main types of synovial joints. (7.8 marks)
4. Outline an effective and simple basic structure of a seasonal training cycle, divided into the traditional preparation, competition and recovery phases. (23.3 marks)
5. Elaborate on the following:
(a) Closed cavities and serious membranes (7.8 marks)
(b) Open cavities and mucous membranes. (7.8 marks)
(v) Skeleton. (7.8 marks)