



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

INSTITUTIONAL BASED PROGRAMME (IBP) – DECEMBER SESSION

EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION

(PHYSICAL EDUCATION)

SLR 101/SPE 101: FUNCTIONAL HUMAN ANATOMY

DATE: Thursday, 3rd May, 2012

TIME: 2.00 p.m. – 4.00 p.m.

INSTRUCTIONS:

Answer any **THREE (3)** questions.

1.
 - a) Differentiate between sagittal and transverse planes (5 marks)
 - b) Using examples, describe the following terms with reference to functional human anatomy
 - i) proximal/distal
 - ii) ventral/dorsal
 - iii) cephalad/caudal
 - iv) superior/inferior
 - v) medial/lateral
 - vi) superficial/deep

(18.3 marks)
2. Describe the structure and expound on the types of the following tissues in the human body
 - i) Connective tissues (6 marks)
 - ii) Epithelial tissues (6 marks)
 - iii) Muscle tissue (6 marks)

- iv) Nerve tissue (5.3 marks)
3. Analyze the major bones and girdles of the skeletal system in relation to the following regions.
- i) Axial
 - ii) Appendicular
- (23.3 marks)
4. Describe the structure of the following human body systems
- i) Circulatory system (5 marks)
 - ii) Digestive system (5 marks)
 - iii) Respiratory system (4.3 marks)
 - iv) Nervous system (4 marks)
 - v) Skeletal system (5 marks)
5. a) Elaborate on the types of joints found in the musculoskeletal system (10 marks)
- b) Analyze the bones and muscles that attach to form the shoulder girdle and the type of joint formed (13.3)