



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2012/2013

FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR
THE DEGREE OF BACHELOR OF SCIENCE IN MEDICAL
BIOTECHNOLOGY, BACHELOR OF SCIENCE IN
PHARMACEUTICAL SCIENCES AND BACHELOR OF
SCIENCE IN MEDICAL LABORATORY SCIENCES WITH
INFORMATION TECHNOLOGY
(MAIN CAMPUS - SPECIAL EXAM)

PML 112: ANATOMY I

Date: 30th July, 2013

Time: 2.00 – 4.00 p.m.

MASENO UNIVERSITY

SPECIAL EXAM

PML 112 ANATOMY 1

SECTION A: SHORT ANSWER QUESTIONS (SAQs) (30 MARKS)

INSTRUCTIONS :

Answer ALL the questions in the ANSWER BOOKLET provided.

1. Define skeletal system (3marks)
2. List how the skeletal system is classified (3marks)
3. Name three bones of the axial skeleton (3marks)
4. What are smooth muscles (3marks)
5. What is the difference between cardiac and skeletal muscle (3marks)
6. Name 3 functions of respiratory system (3marks)
7. List the 3 layers of the heart (3marks)
8. List all the chambers of the heart (3marks)
9. Name the accessory organs of the gastrointestinal tract (3marks)
10. List at least 3 ways of naming muscles (3marks)

SECTION B: LONG ESSAY QUESTIONS (LEQs) (40 MARKS)

Answer ANY TWO (2) questions in the ANSWER BOOKLET provided

1. A) Describe the anatomy of the stomach (20 marks)
B) Draw a well labeled diagram of the heart
2. Give a brief description of the bronchial tree (20 marks)
B) Discuss how bones are classified
3. Describe the cells of the nervous system and the functions of each cell (20 marks)
B) Explain how the nervous system is classified