



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR BACHELOR
OF SCIENCE IN PHARMACEUTICAL SCIENCES WITH
INFORMATION TECHNOLOGY
(MAIN CAMPUS)**

PMB 111: COMPERATIVE ANIMAL ANATOMY

Date: 19th November, 2013

Time: 8.30 - 10.30am

PMB 111; COMPERATIVE ANIMAL ANATOMY

BSc. PHARMACEUTICAL SCIENCE

Section A; Attempt all Questions (40 Marks)

1. List the carnivore's shoulder muscles that migrate from the Head. (4 Marks).
2. Describe the stifle joint structure. (4 Marks).
3. Illustrate the "passive stay apparatus" in ungulates. (4 Marks).
4. Illustrate the bony constituents of the os coxae. (4 Marks).
5. Highlight the muscles of the radio-ulnar joint in the Herbivore forelimb. (4 Marks).
6. What are zoonotic diseases? Highlight four examples of zoonotic diseases. (4 Marks).
7. Illustrate how "Lateral" and "Medial", anatomical terms are applied in anatomical descriptions. (4 Marks).
8. Indicate the parts of the limb innervated by the following nerves;
 - a) Axillary Nerve.
 - b) Ulnar Nerve.
 - c) Musculocutenous Nerve.
 - d) Median Nerve.
9. List four bones of the forelimb. (4 Marks).
10. What are the major branches of Anatomy? (4 Marks).

Section B; Answer Question 1 and any other ONE question. (30 Marks).

1. Give an exhaustive illustration of the glenohumeral joint. (15 Marks)
2. Illustrate the clinical significance of the animal genetic modification in disease study. (15 Marks).
3. Describe the Pelvic Girdle. (15 Marks).