



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR
THE DEGREE OF BACHELOR OF ARTS IN
PSYCHOLOGY WITH INFORMATION TECHNOLOGY**

CITY CAMPUS –REGULAR

APY 303: PHYSIOLOGICAL PSYCHOLOGY

Date: 20th February, 2018

Time: 2.00 - 5.00pm

INSTRUCTIONS:

- Answer Question ONE and any other TWO



1. (a) Citing relevant examples, distinguish between endocrine and nervous systems. (10mks)
(b) Critically analyze the components of the nervous system. (10mks)
(c) (i) Distinguish between simple reflex action and conditioned reflex action. (4mks)
(ii) A tailor accidentally pricked her finger with a needle when sewing a Piece of cloth. Explain the reflex arc in the case of the pricked finger being quickly withdrawn. (6mks)
2. (a) Examine the three types of neurones based on their structures and functions. (12mks)
(b) Evaluate the biological explanations of human behaviour. (8mks)
3. Discuss any five scientific methods a physiological psychologist uses to study the behaviour of an organism. (20mks)
4. Examine the influence of endocrine system on behaviour. (20mks)
5. (a) Analyze the structure of the forebrain, midbrain, and hindbrain. (10mks)
(b) Examine the functions of the forebrain, midbrain, and hindbrain relating them to human behaviour. (10mks)