



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR IN
COMMUNITY/PUBLIC HEALTH**

1ST YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR

NAIROBI CITY LEARNING CENTRE

COURSE CODE: HCD 3121

COURSE TITLE: MEDICAL PHYSIOLOGY

EXAM VENUE:

STREAM: com/health

DATE:

EXAM SESSION:

TIME: 1½ HOURS

INSTRUCTIONS:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

SECTION A: ANSWER ALL QUESTIONS(COMPULSORY)

QUESTION 1

- a) Define the Central Nervous System (2 marks)
- b) The central nervous system consists of the brain and spinal cord. Explain these parts of the Central Nervous System, citing parts and functions of the of the brain and spinal cord (18 marks)
- c) State and explain the public health importance of the central nervous system stating diseases and infections that might affect the central nervous system (15 marks)

SECTION B: ANSWER ANY 2 QUESTIONS

QUESTION 2

- a) Define the reproductive system (2 marks)
- b) State and explain the functions of the different parts of the female reproductive system (10 marks)
- c) Discuss the effects of chemical hazards to the human reproductive system, giving examples of these chemicals (8 marks)

QUESTION 3

- a) Discuss the approaches in measurement of the following physiological parameters in man (20 marks)

QUESTION 4

- a) Draw and discuss the digestive system and associated glands (20 marks)

QUESTION 5

- a) Discuss the anatomy of the respiratory system (20 marks)