

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**FORTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE AGRICULTURAL EDUCATION**

EDCI 412: HEALTH AND PHYSICAL EDUCATION

STREAMS: BSC (AGED) Y4S2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/4/2018

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER THREE QUESTIONS**
- **DO NOT WRITE ANYTHING ON THE QUESTION PAPER**

- Distinguish between the following terms [8 marks]
 - Passive and active immunity
 - Vector and pathogen
 - Disease and infection
 - Actiology and epidemiology
 - Explain the effects of the abiotic environment on human health. [6 marks]
 - Explain six benefits of physical exercises to the circulatory system. [6 marks]
 - Define population education. [1 mark]
 - Discuss general education as a population control measure. [5 marks]
- Describe four principles of exercise program design. [12 marks]
 - Highlight the importance of muscle strength and endurance. [3 marks]
- With suitable examples in each case, explain the three categories of drugs (medicine). [6 marks]
 - Explain the effect of smoking to pregnant mothers. [5 marks]
 - Explain four measures to curb drug abuse menace in boarding schools. [4 marks]

EDCI 412

4. (a) Tuberculosis, typhoid and bacillary dysentery are common human diseases. For each one of them state:
- (i) Causal agent [1 mark]
 - (ii) Two control measures [1 mark]
 - (iii) Two symptoms [1 mark]
- (b) Discuss measures undertaken in protecting the host in control of communicable diseases. [6 marks]
5. (a) Explain the approaches used by the government to ensure healthy school environment. [6 marks]
- (b) Describe three types of human disease transmission cycles. [9 marks]
-