

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION  
AND EXTENSION

EDCI 412/201/212: HEALTH AND PHYSICAL EDUCATION

STREAMS: BSC (AGED) Y4S1 PART-TIME

TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- Answer question ONE (Compulsory) and any other three questions
- Do not write on the question paper

- Q1. (a) Distinguish between the following terms used in health education
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| (i) Etiology and epidemiology                    | [1 mark] |
| (ii) Specific immunity and non-specific immunity | [1 mark] |
| (iii) Drug abuse and drug misuse                 | [1 mark] |
| (iv) Passive immunity and active immunity        | [1 mark] |
| (v) Malignant disease and degenerative disease   | [1 mark] |
- (b) Give the effects of smoking on
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|------------------------|-----------|
| (i) Respiratory system | [3 marks] |
| (ii) Pregnant mothers  | [3 marks] |
- (c) Explain two approaches used by the government to ensure healthy school environment [6 marks]
- (d) Explain the effects of the biotic environment on human health [8 marks]
- Q2. Discuss the classification of human diseases based on the causal agents [15 marks]

- Q3. (a) Explain six factors to consider before choosing a birth control method [6 marks]
- (b) Outline the benefits derived from participating in physical activities and sports in relation to the following
- (i) Circulatory system [4 marks]
  - (ii) Muscular-skeletal system [3 marks]
  - (iii) Digestive system [2 marks]
- Q4. (a) Describe three human vector borne diseases [9 marks]
- (b) Discuss measures undertaken in attacking the source of infection in the control of communicable diseases [6 marks]
- marks]
- Q5. (a) Describe three components of an exercise programme [6 marks]
- (b) Describe three zoonotic diseases. Give examples [9 marks]
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