

P. O.Box 845-50400 Busia(K) principal@auc.ac.ke Tel: +254 741 217 185 +254 736 044 469 off Busta-Malaba road

OFFICE OF THE DEPUTY PRINCIPAL ACADEMICS, STUDENT AFFAIRS AND RESEARCH

## **UNIVERSITY EXAMINATIONS**

# 2017/2018 ACADEMIC YEAR

ALUFE UNIVERSE TO A COLLEGE

The state of the s	STATE OF THE PARTY OF THE PARTY.	The second second second				
FIRST YEAR FIRST SEMESTER EXAMINATION						
or examine	r's Use O	nly				
Question	I.E	E.E				
CAT						
EXAM						
TOTAL						
	l					
THIS PAPER CONSISTS OF 20 PRINTED PAGES  PLEASE TURN OVER						
lone						
	CAT EXAM	CAT EXAM TOTAL  PLEASE TURN OV				

Student Admission No	Exam Card No	Signature
----------------------	--------------	-----------

SBE 101 25TDS

#### INSTRUCTIONS TO CANDIDATES

 Write your Admission Number, Exam Card Number and Sign in the spaces provided at the bottom of each page of the Examination Booklet. DO NOT write your name anywhere in this booklet.

- 2. Write on both sides of the pages.
- 3. All rough work must be done in the Answer sheets and crossed through.
- 4. If supplementary pages are used, they must be fastened all together at the end of this Booklet. Supplementary pages should be used only after all the leaves in the booklet have been exhausted.
- 5. It is a serious examination offence to cheat or to have unauthorized materials including **MOBILE PHONES** (whether on or off) in the examination venue.
- 6. In no circumstances must Answer Booklet used or unused, be removed from the examination room by a candidate.
- 7. The Booklet is for **Examination use only** in a designated examination room. Unauthorized possession of the Answer sheets by a student or any other person constitutes an examination irregularity calling for stiff disciplinary action.
- 8. Do not pluck any page from this Booklet. Any extra/unused answer sheets should be returned to the **Examination Office.**
- 9. Candidates who come to examination room 30 minutes late will not be allowed to sit for the exam.
- 10. Candidates will not be allowed to leave the exam room once the exam commences.
- 11. Candidates are advised that importance is attached by examiners to accuracy and clarity of expression.
- 12. Committing any form of irregularity is prohibited and shall attract severe disciplinary action in accordance with Alupe University College Examination Regulations.

Student Admiss	ion No	Exam Card No	Signature

**SBE 101** 25TDS

#### INSTRUCTIONS TO STUDENTS

### ANSWER ALL QUESTIONS

1. The World Health Organization [WHO, 1948] defines health as "a complete state of physical, social and mental well-being and not merely the absence of disease or infirmity".

Does the biomedical model of health address this definition? Explain your answer (5 Mks)

- 2. Approaches to health care have changed over time in response to the changes in the types of diseases prevalent in the community. In recent years Non-communicable diseases have become a major cause of morbidity and mortality in Kenya (15 Marks)
  - Define Non-Communicable Disease [NCDs] i.
  - ii. Identify four (4) main risky behaviours to NCDs
  - Briefly describe how you can apply the social model of health in addressing the iii. challenge of NCDs in Kenya
- 3. Three main elements are involved in the causation and transmission of communicable diseases, namely, the disease agent, the human host and the environment. Discuss the interaction of these three elements in the causation of malaria citing facilitative agent, host and environmental factors. What actions will you take to prevent transmission of malaria in (15 Marks) your community? ALUPE UNIVERSITY COLLEGE
- 4. Briefly account for the following:
  - a) What do you understand by health promotion?
  - b) Discuss how health promotion as an approach attempts to address the social determinants of health

LIBRARY

(12 Marks)

- c) Distinguish between health promotion and the social model of health
- 5. Primary Health Care as an approach to delivery of health care articulates 5 key principles equitable distribution of health care; community participation; development of health workforce; use of appropriate technology and multi-sectoral collaboration. Briefly discuss your understanding of each of the above principles giving examples to demonstrate your (10 Marks) understanding.
- 6. Describe the structure and state at least 5 functions of the Ministry of health at: (12 Marks)
  - the national level
  - ii. the county level

Student Admission No	Exam Card No	Signature
----------------------	--------------	-----------

SBE 101 25TDS

iii. Differentiate between the roles of Sub-County Health Management Team and the Sub-County Health Board.

7. What is prevention of diseases?

(5

Marks)

Discuss the three levels of disease prevention elaborating on each level of prevention with examples

8. a) Define epidemiology

(10)

Marks)

b) List at least 3 main uses of epidemiology

- c) There are two types of epidemiological studies, descriptive and constructive. Describe each highlighting the main differences.
- 9. Primary prevention aims to prevent onset of diseases or occurrence of injury through preventing exposure to hazards that cause disease or injury. Provide practical examples of how you can use

(6 Marks)

- i. Legislation and enforcement,
- ii. Altering unhealthy or unsafe behaviours
- iii. Increasing resistance to disease or injure; to prevent disease and injury.

10.	Identify at least 5	common	communicable	diseases	and	5	Non	communicable	diseases	in
	Kenya.								(10	
	Marks)									

Student Admission No......Exam Card No.....Signature.....