



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF PUBLIC AND COMMUNITY HEALTH

SECOND YEAR SPECIAL/SUPPLEMENTARY FOR

BACHELOR OF SCIENCE IN PUBLIC HEALTH.

PPH 214: FOOD SECURITY AND HEALTH

DATE: 24/9/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS

This paper consists of two sections A and B

Section A is compulsory

Section B choose any two (2) questions

SECTION A (30 MARKS) COMPULSORY

QUESTION ONE

- a) Explain the types of food insecurity (4 marks)
- b) Explain the role of women in food security (3 marks)
- c) Describe two ways in which the intensity of food insecurity can be measured (2 marks)
- d) Define: (3 marks)
 - i. National food security
 - ii. Sustainable livelihood
 - iii. Malnutrition
- e) Explain the pillars of food sovereignty (4 marks)
- f) Describe the supply indicators of food security (4 marks)
- g) Explain the elements of food security assessment (3 marks)
- h) Explain supply related policies to food security in Kenya (3 marks)
- i) Briefly describe the effect of health on food security (4 marks)

SECTION B: CHOOSE ANY TWO (2) QUESTIONS. EACH QUESTION IS 20 MARKS

QUESTION TWO

- a) Using the dimensions of food security discuss national food security in Kenya (12 marks)
- b) Discuss production policies for food security (8 marks)

QUESTION THREE

- a) Food insecurity is not necessarily a result of food production challenges. Discuss. (12 marks)
- b) Discuss the importance of food security analysis in a country. (8 marks)

QUESTION FOUR

- a) There is a growing international shift from food security to not just nutrition security but eco-nutrition security. Discuss in regard to the focal areas of eco- nutrition. (10 marks)
- b) You are a food security expert engaged by FAO in ASAL areas of Kenya to identify and propose mitigation strategies to the chronic food insecurity in the region. Discuss in regard to food resource management. (10 marks)

QUESTION FIVE

- a) Discuss public health importance of food security (10 marks)
- b) Discuss the impediments to food security in Kenya (10 marks)