



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN ENVIRONMENTAL HEALTH
(DEH 11M)

APH 2303 : HUMAN POPULATION STUDIES & HEALTH

SUPPLEMENTARY/SPECIAL : EXAMINATIONS

SERIES: MARCH 2014

TIME: 2 HOURS

INSTRUCTIONS:

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

This paper consists of 3 PRINTED pages

QUESTION ONE

- a) Define the following terminologies
- (i) Fertility (1 mark)
 - (ii) Emigration (1 mark)
 - (iii) Immigration (1 mark)
 - (iv) Population Density (1 mark)
 - (v) Human Displacement (1 mark)
- b) (i) Explain any two factors that determine the carrying capacity (4 marks)
- (ii) Differentiate between vasectomy and tubectomy (4 marks)
- c) (i) Outline four principles of Health Education (4 marks)
- (ii) Describe any two methods that can be used to purify water at domestic level (4 marks)
- d) (i) Explain any two Human Rights that are likely to be violated during armed conflict displacement (4 marks)
- (ii) List three laws of migration (3 marks)
- (iii) Critique the Marthus theory of Human population growth (2 marks)

QUESTION TWO

Discuss the vulnerability of a highly populated urban area to the following diseases:

- (i) Malaria (3 marks)
- (ii) Cholera (3 marks)
- (iii) Tuberculosis (3 marks)
- (iv) Tetanus (3 marks)
- (v) Whooping cough (3 marks)

QUESTION THREE

- a) Explain social impacts of population growth (8 marks)
- b) Suggest possible solutions to the above impacts (7 marks)

QUESTION FOUR

- a) Discuss the causes of Human displacement (8 marks)
- b) Describe the role of Humanitarian organizations on displaced persons (7 marks)

QUESTION FIVE

- a) Discuss the international Agencies responsible for the protection of refugees **(10 marks)**
- b) Explain any international instrument used for safe guarding refugees **(5 marks)**