



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN NUTRITION HEALTH
(DNH 12S)

ANH 2105: HUMAN GROWTH, DEVELOPMENT & NUTRITION

SPECIAL /SUPPLEMENTARY: EXAMINATIONS

SERIES: OCTOBER 2013

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 2 PRINTED pages

Question ONE

- a) What is the difference between growth and development (4marks)
- b) State FIVE factors which contributes to a variety in rate of development (5marks)
- c) Briefly describe catch-up growth (4marks)
- d) State FIVE factors affecting Growth and Development (5marks)
- e) Define the following terms
 - (i) Growth chart (2marks)
 - (ii) Linear growth (2marks)
 - (iii) Prenatal period (2marks)
 - (iv) Infancy (2marks)
 - (v) Child hood (2marks)
- f) State TWO biological criteria for maturity (2marks)

Question TWO

Discuss the various curves of growth (15marks)

Question THREE

Discuss the environmental factors that influence growth and development (15marks)

Question FOUR

Discuss the endocrinology of growth (15marks)

Question FIVE

Discuss FIVE vital nutrients that influence growth and development (15marks)