



A Constituent College of Kenyatta University

UNIVERSITY EXAMINATIONS 2011/2012 ACADEMIC YEAR

INSTITUTIONAL BASED PROGRAMME

3RD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF ENVIRONMENT

COURSE CODE/TITLE: SZL 306: HUMAN BIOLOGY

END OF SESSION:I

DURATION: 3 HOURS

DAY/TIME:FRIDAY:7.00 TO 10.00 A.M. DATE:09.12.2011(ROOM CL2)

INSTRUCTIONS

Answer **ALL** questions in Section **A** and any **TWO** in Section **B**. Illustrate your answers with diagrams where appropriate.

SECTION A – (40 MARKS)

Question One

- a) Give an account of the cell organelles of the human body. (5 marks)
- b) Describe the ultrastructure and physiology of the human cell. (5 marks)

Question Two

Briefly discuss the hormones produced by the human uterus. (10 marks)

Question Three

Discuss the process of ovulation and fertilization in man (10 marks)

Question Four

Discuss the external organs of the female reproductive system. (10 marks)

SECTION B – (30 MARKS)

Question Five

Discuss the male reproductive system and briefly describe the process of spermatogenesis. (15 marks)

Question Six

Discuss human health and briefly describe the development of disease in man. (15 marks)

Question Seven

Describe the primary methods of prevention of diseases in man. (15 marks)