

CHUKA

UNIVERSITY



UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
COMMUNITY DEVELOPMENT**

CDEV 141: HUMAN DEVELOPMENT

STREAMS: CDEV (Y1S1) ODEL

TIME: 2 HOURS

DAY/DATE: THURSDAY 07/10/2021

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS

- **Answer question one and any other TWO Questions.**
- **Do not write on the question paper**

SECTION A (30 MARKS) COMPULSORY

1. a) define the following terms.
 - i. Human development (2 marks)
 - ii. Post natal development (2 marks)
 - iii. Cognitive domain (2 marks)
 - iv. Physical domain (2 marks)
 - v. Emotional and social domain (2 marks)
- b) Explain what you understand by meso-system as applied to the development of a child. (5 marks)
- c) Citing examples explain the term chrono-system in the context of growth and development. (5 marks)
- d) i) Explain the process of ovulation. (5 marks)
 - ii) Outline the factors that affect the process of ovulation. (5 marks)

SECTION B (40 MARKS)

2. A number of theories are used to explain human growth and development. Describe any four (4) of the theories. (20 marks)
3. a) What are chromosomes? (2 marks)
b) Analyze the details of autosomes and sex chromosomes in human being. (8 marks)
c) work out the genotypes and phenotypes of offsprings of a male and a female parent whose genotypes are XY and XX respectively. (10 marks)
4. a) Explain what sex linked characteristics are (4 marks)
b) A haemophilic man marries a normal woman. Work out the genotypes and phenotypes of the offsprings. (16 marks)
5. Describe the types of families. (20 marks)
6. Some parental characteristics negatively affect child development. Explain them. (20 marks)
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