

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**CHUKA AND THARAKA CAMPUSES**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION  
(ARTS AND SCIENCE) AND BACHELOR OF SCIENCE (AGED)**

**EPSC 121: DEVELOPMENTAL PSYCHOLOGY**

**STREAMS: B.ED (ARTS & SCIENCE) & B.SCI (AGED)**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 12/04/2018**

**8.30 A.M. – 10.30 A.M.**

**INSTRUCTIONS:**

- **Answer question one and any other two questions**

Q1. (a) Explain the following terms and concepts as used in developmental psychology.

- (i) Maturation
  - (ii) Heredity
  - (iii) Chronological age
  - (iv) Biological age
  - (v) Psychological age
- (10 marks)

(b) Explain how the following aspects affect human growth and development.

- (i) Intelligence
  - (ii) Emotions
  - (iii) Sex
  - (iv) Mothers age and parity
  - (v) Maternal diseases
- (10 marks)

(c) Explain the influence of nutrition in human growth and development. (4 marks)

(d) Briefly explain three causes of Attention Deficit Activity Disorder (ADHD).  
(6 marks)

- Q2. (a) Discuss Piaget stages of cognitive development. (12 marks)
- (b) What is the implication of cognitive development in teaching and learning. (8 marks)
- Q3. (a) Explain the developmental aspects during the following stages of human growth.
- (i) Prenatal (4 marks)
  - (ii) Infancy (4 marks)
  - (iii) Early childhood (4 marks)
  - (iv) Middle childhood (4 marks)
  - (v) Late childhood (4 marks)
- Q4. (a) Discuss the following stages of psychosocial development indicating the crisis experienced.
- (i) Trust vs Mistrust
  - (ii) Autonomy vs shame/doubt
  - (iii) Initiative vs guilt
  - (iv) Industry vs inferiority (12 marks)
- (b) How would you use Erik Erikson's theory of psychosocial development to enhance classroom teaching? (8 marks)
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