



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN EDUCATION

EPS 0102: GROWTH AND DEVELOPMENT

DATE: 16/4/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Explain the following developmental trends (4 marks)
 - i. Cephalocaudal
 - ii. Proximodistal
- b) Highlight four differences between Growth and Development (8 marks)
- c) Explain the following themes of human development (10 marks)
 - i. Continuity versus Discontinuity
 - ii. Active versus Passive child
 - iii. Risk versus Resilience
 - iv. Biological versus Environmental influences
 - v. Situational influences versus Individual characteristics
- d) Discuss four factors that can affect intelligence and cognitive development (8 marks)

QUESTION TWO (20 MARKS)

- a) Distinguish between the following terms (6 marks)
 - i. Dominant and Recessive genes

- ii. Mitosis and Meiosis
- iii. Chromosomes and Genes
- b) Explain the main features of embryonic stage of prenatal development (8 marks)
- c) Highlight the implication of maternal age to unborn child (6 marks)

QUESTION THREE (20 MARKS)

- a) Define the term adolescence (2 marks)
- b) Explain the causes of emotional instability in adolescence (10 marks)
- c) Describe the following identity statuses of adolescence (8 marks)
 - i. Identity diffusion
 - ii. Identity foreclosure
 - iii. Identity moratorium
 - iv. Identity achievement

QUESTION FOUR (20 MARKS)

- a) Explain five factors that can affect language development (10 marks)
- b) Explain five educational implications of Piaget's cognitive theory of development (10 marks)

QUESTION FIVE (20 MARKS)

- a) Describe five neonatal reflexes in a new born child (10 marks)
- b) Explain five importance of play in the development of children (10 marks)