



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY & SPECIAL NEEDS EDUCATION

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR SCIENCE AGRICULTURAL EDUCATION AND EXTENSION

BACHELOR OF EDUCATION (SPECIAL NEEDS EDUCATION)

BACHELOR OF EDUCATION (ENGLISH/LITERATURE)

BACHELOR OF EDUCATION (SCIENCE)

BACHELOR OF EDUCATION (ARTS)

EPS 200: DEVELOPMENTAL PSYCHOLOGY

DATE: 10/3/2023

TIME: 2:00-4:00 P.M

INSTRUCTIONS

Answer Question **ONE (1)** and Any Other **TWO (2)** in the answer booklet provided.

QUESTION ONE (30 MARKS)

- a) Citing relevant examples where applicable, differentiate between the following terms as they are used in developmental psychology.
- Phenotype and genotype
 - Gross and fine motor development
 - Development and growth
 - Cephalocaudal and Proximal-distal development
 - Dominant and Recessive Genes (10 marks)
- b) Using appropriate examples, explain the meaning of the following principles of development
- Development is cumulative
 - Development Proceeds from the General to the Specific
 - Development is an individualized process
 - Development is interrelated (8 marks)
- c) Compare and contrast the Longitudinal and Cross-sectional approaches of studying child development (12 marks)

QUESTION TWO (20 MARKS)

- a) Explain emotional characteristics of children during early childhood (12 marks)
- b) Differentiate between ambivalently and avoidantly attached infants (8 marks)

QUESTION THREE (20 MARKS)

- a) Define the term personality (2 marks)
- b) Compare and contrast the personality theories by Freud and Erikson (10 marks)
- c) Explain the weaknesses and strengths of Kohlberg's theory of moral development. (8 marks)

QUESTION FOUR (20 MARKS)

- a) Define the term teratogen (2 marks)
- b) Explain three (3) chromosomal abnormalities. (6 marks)
- c) Discuss how the following prenatal environmental factors may affect prenatal and postnatal development
 - i. Rhesus factor incompatibility
 - ii. Mercury
 - iii. Maternal nutrition
 - iv. Maternal age (12 marks)

QUESTION FIVE (20 MARKS)

- a) With the use of examples, explain the following cognitive processes as conceptualized by Piaget:
 - i. Assimilation
 - ii. Accommodation
 - iii. Organization (6 marks)
- b) Citing appropriate examples, explain the cognitive capabilities attained by children during Piaget's concrete operations (late childhood 7-11 years) stage of cognitive development (6 marks)
- c) What are the major implications to the teaching-learning process of Piaget's theory of cognitive development (8 marks)