



# MACHAKOS UNIVERSITY

University Examinations 2020/2021 Academic Year

SCHOOL OF EDUCATION

DEPARTMENT OF EARLY CHILDHOOD EDUCATION

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION (EARLY CHILDHOOD)

ECE101: INTRODUCTION TO PSYCHOLOGY

DATE: 2/3/2021

TIME: 8.30-10.30 AM

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## INSTRUCTIONS

Answer Question ONE and any other TWO questions

### QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Distinguish between the following pairs of terms. (12 marks)
- Independent and dependent variable
  - Absolute threshold and difference threshold
  - Neurosis and psychos
  - Sensation and perception
- b) Explain ANY FOUR of the following laws of form perception (12 marks)
- Law of figure and ground
  - Law of continuity
  - Law of similarity
  - Law of closure
  - Law of proximity
- c) Explain three disadvantages of observation method of research (6 marks)

### QUESTION TWO (20 MARKS)

- a) Using appropriate examples elaborate four schedules of intermittent reinforcement (8 marks)

- b) Explain what you can do to make reinforcement effective in the classroom (12 marks)

**QUESTION THREE (20 MARKS)**

- a) Define the term learning (2 marks)
- b) Explain the following principles of classical conditioning (10 marks)
- i. Stimulus generalization
  - ii. Stimulus discrimination
  - iii. Extinction
  - iv. Spontaneous recovery
  - v. Reinforcement
- c) Describe four branches of psychology (8 marks)

**QUESTION FOUR (20 MARKS)**

- a) Define motivation and illustrate its cycle (4 marks)
- b) Describe two biological theories of motivation (6 marks)
- c) Discuss educational implication of Maslow's hierarchy of needs in the leaning process (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) Citing relevant examples explain four types of psychological conflicts (8 marks)
- b) Explain any six uses IQ tests (12 marks)