



# **MACHAKOS UNIVERSITY**

**University Examinations 2020/2021 academic year**

**SCHOOL OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION**

**FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR**

**BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENTION)**

**BACHELOR OF EDUCATION**

**EPS 100 INTRODUCTION TO PSYCHOLOGY**

**DATE: 24/3/2021**

**TIME: 2.00-4.00 PM**

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**INSTRUCTIONS: Answer Question One and Any Other Two Questions**

**QUESTION ONE (30 MARKS)**

- a) Distinguish between the following pairs of terms. (12 marks)
- i. Independent and dependent variable
  - ii. Absolute threshold and difference threshold
  - iii. Neurosis and psychos
  - iv. Sensation and perception
- b) Explain ANY FOUR of the following laws of form perception (12 marks)
- i. Law of figure and ground
  - ii. Law of continuity
  - iii. Law of similarity
  - iv. Law of closure
  - v. Law of proximity
- c) Explain four disadvantages of observation method of research (8 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 the use of 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)