



# MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic Year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY & SNE

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)

BACHELOR OF EDUCATION (SPECIAL NEEDS)

BACHELOR OF EDUCATION (ENGLISH/LITERATURE)

BACHELOR OF EDUCATION (SCIENCE)

BACHELOR OF EDUCATION (ARTS)

EPS 201: PSYCHOLOGY OF LEARNING

DATE: 6/12/2021

TIME: 2.00-4.00 PM

---

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

## QUESTION ONE (30 MARKS)

- a) Using appropriate examples, define the following concepts: (10 marks)
- i. Mental set
  - ii. Reinforcement
  - iii. Behavior modification
  - iv. Social transmission
  - v. Drive
- b) Giving appropriate examples, differentiate between the following concepts as used in psychology of learning
- i. Fixed and Variable intervals schedules of reinforcement
  - ii. Fixed and Variable ratio schedules of reinforcement
  - iii. Informal and formal learning
  - iv. Negative reinforcement and negative punishment (12 marks)
- c) Describe the nature of teaching as a triad and Dynamic activity (8 marks)

## QUESTION TWO (20 MARKS)

- a) As a classroom teacher, discuss three methods you can adapt to promote creative thinking among learners. (6 marks)
- b) Giving relevant examples, explain two ways classical conditioning theory can be used to acquire negative attitudes towards learning. (4 marks)

- c) Explain how you can use the incentive theory of motivation to improve learning in the classroom. (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Explain the following laws/principles of learning that were proposed by Thorndike (1949)
- i. Law of effect
  - ii. Law of exercise
  - iii. Law of readiness
  - iv. Principle of mental set
- (12 marks)
- b) Discuss the implications of the latent theory of learning on teaching and learning Process. (8 marks)

**QUESTION FOUR (20 MARKS)**

- a) Define the following terms
- i) Memory
  - ii) Forgetting
  - iii) Eidetic memory
- (3 marks)
- b) Account for students' inability to recall learnt information during an examination according to the following theories of forgetting:
- i) Decay theory
  - ii) Retrieval failure theory
  - iii) Consolidation theory
  - iv) Interference theory
- (12 marks)
- c) Describe why students forget the content taught with reference to forgetting curve according Ebbinghaus, (1885) (5 marks)

**QUESTION FIVE (20 MARKS)**

- a) Define the term learning disability (2 marks)
- b) Explain the meaning of the following types of learning disabilities (8 marks)
- i) Dyslexia
  - ii) Dyscalculia
  - iii) Dysgraphia
  - iv) Dyspraxia
- c) Discuss five adaptive Instructional approaches for children with learning disabilities (10 marks)