



MACHAKOS UNIVERSITY

University Examinations 2019/2020 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENTION)

BACHELOR OF EDUCATION (SPECIAL NEEDS EDUCATION)

BACHELOR OF EDUCATION (SCIENCE)

BACHELOR OF EDUCATION (ARTS)

EPS 201: PSYCHOLOGY OF LEARNING

DATE: 27/11/2020

TIME: 2.00-4.00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Compare short-memory with long-term memory (10 marks)
- b) Explain how teachers can use Piaget's theory of cognitive development to enhance classroom learning (8 marks)
- c) Giving appropriate examples, differentiate between the following concept as they are 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)

QUESTION TWO (20 MARKS)

- a) Describe the nature of teaching as a triad and Dynamic activity (5 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

(15 marks)

QUESTION THREE (20 MARKS)

Discuss the Assumptions of the following theories

- a) Gestalt theory of learning
- b) Latent theory of learning
- c) Constructivist theory of learning
- d) Cognitive Theory of Learning

QUESTION FOUR (20 MARKS)

- a) What do you understand by the term exceptional learners (2 marks)
- b) Giving relevant examples define learning disability (2 marks)
- c) Discuss some of the intervention measures that you can take while teaching learners with learning disabilities. (16 marks)

QUESTION FIVE (20 MARKS)

- a) Explain the following laws/principle of learning that were proposed by Thorndike
 - i. Law of effect
 - ii. Law of exercise
 - iii. Law of readiness
 - iv. Principle of mental set. (8 marks)
- b) Discuss the implications of the latent theory of learning on classroom learning (6 marks)
- c) Punishment has serious consequences and should be avoided if possible; Explain any four consequences of punishment (8 marks)