



MACHAKOS UNIVERSITY

University Examinations for 2024/2025 Academic Year

**SCHOOL OF EDUCATION
DEPARTMENT OF EDUCATIONAL PSYCHOLOGY AND SPECIAL NEEDS
EDUCATION**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR
DOCTOR OF PHILOSOPHY IN EDUCATIONAL PSYCHOLOGY**

EPS 913: HUMAN LEARNING

DATE: 18TH JANUARY, 2025

TIME: 9.00 AM – 12.00 PM

INSTRUCTIONS:

*Answer question **ONE** (**Compulsory**) and **any other TWO** questions*

QUESTION ONE (20 MARKS)

- a) Illustrate the meaning of each of the following terms:
LEARNING; LEARNING CONDITIONS; STRUCTURE OF LEARNING; MULTIPLE INTELLIGENCE. (12 Marks)
- b) (i) Outline any three tenets of Meta-Cognition. (6 Marks)
- (ii) Explain the utility of the VEE Diagram in the planning and assessment of learning. (14 Marks)

QUESTION TWO (20 MARKS)

Clearly explain the application of EITHER Operant Conditioning Theory OR Classical Conditioning Theory to a named learning activity.

QUESTION THREE (20 MARKS)

Briefly explain the essence of learning with reference to:

- a) Levels of Memory.
b) Representation of Knowledge in the Mind.
c) Conditions of learning.
d) Structure of learning.

QUESTION FOUR (20 MARKS)

Outline and illustrate the theory of Attribution in learning.

QUESTION FIVE (20 MARKS)

Explain the practical value of one of the following Theories:

- a) Constructivism.
- b) Cognitive Load Theory.
- c) Play-Based Learning Theory.
- d) Vygotsky's Social Learning Theory.
- e) Connectivism.