



MACHAKOS UNIVERSITY

University Examinations 2020/2021 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

DIPLOMA IN EDUCATION

EPS: 0201 PSYCHOLOGY OF LEARNING, TEST & MEASUREMENTS

DATE:

TIME:

INSTRUCTIONS: Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Explain five differences between the classical conditioning and operant conditioning theories of learning (10 marks)
- b) Describe what you can do to make the use of reinforcement effective in the classroom. (10 marks)
- c) Define the term memory and discuss three levels of memory (10 marks)

QUESTION TWO (20 MARKS)

- a) Describe five teachers factors that may affect leaning (10 marks)
- b) Briefly explain how you can use the incentive theory of motivation to improve learning in the classroom. (10 marks)

QUESTION THREE (20 MARKS)

- a) Giving appropriate examples, differentiate between the following schedules of reinforcement
 - i. Fixed interval
 - ii. Variable interval
 - iii. Fixed ratio
 - iv. Variable ratio (8 marks)

- b) Discuss the implications of classical conditioning theories of learning. (8 marks)
- c) With use of examples, explain the meaning of the following methods of testing reliability (6 marks)
- i. Test-retest reliability method
 - ii. Split half reliability method
 - iii. Equivalent reliability method

QUESTION FOUR (20 MARKS)

What are the basic assumptions of the following theories of learning?

- a) Social learning theory
- b) Operant conditioning theory of learning
- c) Constructivism theory of learning
- d) Cognitive theory of learning
- e) Gestalt theory of learning

QUESTION FIVE (20 MARKS)

- a) Define the term transfer of learning (2 marks)
- b) Describe three (3) types of transfer of learning (6 marks)
- c) Explain how a teacher can maximize transfer in class (12 marks)