



MACHAKOS UNIVERSITY

University Examinations 2019/2020 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)

BACHELOR OF EDUCATION (SPECIAL NEEDS EDUCATION)

BACHELOR OF EDUCATION (SCIENCE)

BACHELOR OF EDUCATION (ARTS)

EPS 201: PSYCHOLOGY OF LEARNING

DATE: 22/1/2021

TIME: 2.00-4.00 PM

INSTRUCTIONS:

INSTRUCTIONS: Answer Question **ONE (1)** and Any Other **TWO (2)** in the answer booklet provided.

QUESTION ONE (30 MARKS)

- a) Explain how teachers can use Piaget's theory of cognitive development to enhance classroom learning
(12 marks)
- b) 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)
- c) Describe the nature of teaching as a triad and Dynamic activity (6 marks)

QUESTION TWO (20 MARKS)

- a) As a classroom teacher, discuss some of the methods you can adapt to promote creative thinking among your learners. (6 marks)
- b) Giving relevant examples, describe how classical conditioning theory can be used to, explain how learners acquire negative attitudes towards learning. (4 marks)
- c) Briefly 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/principle of learning that were proposed by Thorndike (12 marks)
 - i. Law of effect
 - ii. Law of exercise
 - iii. Law of readiness
 - iv. Principle of mental set
- b) Punishment has serious consequences and should be avoided if possible; Explain any four consequences of punishment (8 marks)

QUESTION FOUR (20 MARKS)

- a) Define the following terms
 - i. Memory
 - ii. Forgetting
 - iii. Eidetic memory
 - iv. Transfer of learning (8 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 (12 marks)

QUESTION FIVE (20 MARKS)

- a) Outline the three (3) types of transfer of learning (6 marks)
- b) Discuss how teachers can maximize transfer of learning in classroom (14 marks)