MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER

SCHOOL OF EDUCATION

MASTERS IN EDUCATION

COURSE CODE: EPS 8102

COURSE TITLE: LEARNING AND LEARNING THEORIES

DATE: 15/12/2023   **TIME: 0830 – 1130 HRS**

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in **Section A** and **ANY THREE in section B**

Use relevant examples where applicable

SECTION A (Compulsory) 15mks

a). Differentiate between positive and negative transfer of learning in relation to
concepts learnt by learners in a science lesson.   (3mks)

b) Evaluate the following strategies of learning:

    i)   Positive reinforcement

    ii)   Memorization

    iii) Rote learning   (6mks)

c).Using concepts/principles in Classical Conditioning examine how a teacher can use
them to enhance acceptable behaviours among learners   (6mks)

SECTION B

**Select any THREE questions from this section. All questions carry equal marks
(15mks)**

QUESTION TWO

a). Examine the first **THREE** levels of Gagne's hierarchy of learning and their implications
to the teaching and learning process.   (9mks)

b). The main aim of Blooms domain of learning theory is to help a teacher enhance
learning. Giving examples, elaborate on how a teacher can use the theory when
preparing instructional materials.   (6Mks)

QUESTION THREE

a) Using operant/ instrumental conditioning examine how a teacher can make use of the
theory to enhance teaching learning in a classroom environment   (9mks)

b) Analyse **THREE** characteristics of learning   (6mks)

QUESTION FOUR

a). Insightful learning is whole and complete. Discuss this statement.   **(10mks)**

b). Explain **THREE** factors that may cause plateauing in the learning curve for science in her students **(5mks)**

QUESTION FIVE

a) Using illustration explain how assimilation and accommodation in Piaget's theory occur as learners partake science subject (10mks)
b) Briefly describe the following as used in information processing system
   i.   Short term sensory storage
   ii. The long term memory (Total=5mks)

QUESTION SIX

a). Mostly children learn behaviours through social learning and modelling. Analyze **FIVE** reasons why children may learn from some models but not from another (9mks)

b). Discuss any **THREE** stages of Eric Erickson theory of development (6mks)

/END/