



**MACHAKOS UNIVERSITY**  
**BACHELOR OF EDUCATION (SCIENCE)**  
**ECE314: HUMAN LEARNING**

**Instructions: Answer Question ONE and ANY OTHER TWO.**

- Q1. (a) Outline FIVE key tenets of the Information Processing Theory of Learning. (10 marks)**
- (b) Illustrate FIVE benefits of Play in early learning. (20 marks)**
- Q2. (a) Discuss Gagne's conditions of learning. (10 MARKS)**
- (b) Explain how Gagne's conditions can enhance Early Learning Activities. (10 marks)**
- Q3. Contrast the Cognitive Load Theory and the Constructivist Theory. (20 Marks) OR**
- Contrast the relative importance of the following theories of Motivation:
- i. Goal-orientation,
  - ii. Expectancy-value,
  - iii. Self-determination theory.
- Q4. Explain how:**
- i. The principles of Classical Conditioning can be used in Implementing a named activity in ECE. **(10 Marks)**
  - ii. The principles of Operant Conditioning can be used in Implementing a named activity in ECE. **(10 Marks)**

**Q5. Justify the statement that “Vygotsky’s Social Learning Theory and Bandura’s Observational Learning Theory can be integrated into the teaching of Language and Mathematics. (20 marks)**