

# **MACHAKOS UNIVERSITY**

**ISO 9001:2008 CERTIFIED**



**SCHOOL OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL PSY, ECE & SNE**

**B.Ed IN EARLY CHILDHOOD EDUCATION**

**2015-2016 ACADEMIC YEAR**

**YEAR 3 SEMESTER**

## **EPS 0201 PSYCHOLOGY OF LEARNING TESTS & MEASUREMENT**

### **INSTRUCTIONS:**

**Answer Question ONE and any other TWO questions**

1 a) Citing relevant examples, define the following terms (6 marks)

- i) Learning
- ii) Test
- iii) Measurement

b) Explain three differences between the classical conditioning and operant conditioning

(6 Marks)

c) Explain what you can do to make the use of reinforcement effective in the classroom.

(10 Marks)

d) Describe four ways in which teacher can measure memory (8 marks)

2 a) Explain five ways you can do to make the use of reinforcement effective in the classroom.

**(10 Marks)**

b) Briefly explain how you can use the incentive theory of motivation to improve learning in the classroom. **(10 Marks)**

3 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) Briefly 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

3) What are the basic assumptions of the following theories of learning? **(20 Marks)**

- i) Social learning theory
- ii) Operant conditioning theory of learning
- iii) Constructivism theory of learning
- iv) Cognitive theory of learning
- v) Gestalt theory of learning

4. a) Define the term transfer of learning **(2 Marks)**

b) Describe three (3) types of transfer of learning **(6 Marks)**

b) Explain how a teacher can maximize transfer in class **(12 Marks)**

5) a) Distinguish between short-term and long-term memory. **(8 marks)**

b) Discuss four theories of forgetting **(12marks)**