



# MACHAKOS UNIVERSITY

University Examinations 2016/2017

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, ECE & SNE

SECOND YEAR FIRST SEMESTER EXAMINATION FOR DIPLOMA IN  
EDUCATION

EPS 0201: PSYCHOLOGY OF LEARNING TESTS AND MEASUREMENT

DATE: 30/5/2017

TIME: 2:00 – 4:00 PM

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## INSTRUCTIONS

**Question ONE is compulsory, and any TWO other questions**

1. a) Citing relevant examples, define the following terms as in psychology of learning (8 marks)
  - i. Learning
  - ii. Test validity
  - iii. Vicarious conditioning
  - iv. Test reliability
- b) Explain the meaning of the following terms (6 marks)
  - i. Item difficulty
  - ii. Item discrimination
  - iii. Distracters
- c) Explain three types of validity (6 marks)
- d) Elaborate five effective ways to administer punishment (10 marks)
2. a) Define term transfer of learning (3 marks)
- b) Outline three types of transfer of learning (9 marks)
- c) Discuss four ways teacher can maximize transfer (8 marks)
3. a) Explain how the factors Teacher factors influence learning process. (12 marks)
- b) Highlight four effective ways to administer reinforcement (8 marks)

4. a) Giving appropriate examples, differentiate between the following schedules of reinforcement (8 marks)
- i) Fixed interval
  - ii) Variable interval
  - iii) Fixed ratio
  - iv) Variable ratio
- b) What are the basic assumptions underlying Maslow's theory of motivation? (12 marks)
5. a) Distinguish between measurement and evaluation. (4 marks)
- b) Discuss the implications of Maslow's theory of motivation to teaching and Learning process (8 marks)
- c) Describe four uses of tests in school system (8 marks)