

MACHAKOS UNIVERSITY COLLEGE
University Examinations 2015/2016 **APRIL SESSION 2016**
CERTIFICATE IN PEDAGOGY
SCHOOL BASED
DEPARTMENT OF EDUCATIONAL PSYCHOLOGY
SESSION III EXAMINATION FOR PEDAGOGY
UNIT NAME: TESTS AND MEASUREMENT
UNIT CODE: EPS 001

Instructions

This paper consists of five questions

Answer question one and any other two questions

1. a) Define the following terms (10 Marks)
 - i. Test
 - ii. Measurement
 - iii. Evaluation
 - iv. Assessment
 - v. Examination

b) State five functions of classroom tests (5 Marks)

c) Outline five functions of evaluation in education (5 Marks)

d) Explain importance of reliability and validity of test (10 Marks)
2. a) In a class of ten students they obtained the following marks in practical examination 50, 48, 60, 50, 51, 70, 50, 62, 80, 50. Calculate the mean, mode, and median (10 Marks)
- b) State two measures of variability (2 Marks)
- c) Explain four attributes of a good test (8 Marks)
3. a) Describe five guidelines for a good item construction (10 Marks)
- b) Examine the purpose of the table of specification (10 Marks)
4. a) Outline the six levels of cognitive abilities according to Bloom's taxonomy (12 Marks)
- b) State eight types of test (8 Marks)
5. a) Examine six factors affecting the quality of assessment tools (12 Marks)
- b) Discuss four measures of scale descriptions (8 Marks)

