



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

SCHOOL OF EDUCATION

MASTERS IN EDUCATION

COURSE CODE: EPS 8103

**COURSE TITLE: MEASUREMENT AND
EVALUATION**

DATE: 15/12/2023

TIME: 1430 - 1630 HRS

INSTRUCTIONS TO CANDIDATES

- *Answer question ONE (compulsory) and any other TWO questions.*

QUESTION 1 (COMPULSORY)

- a) Explain the following concepts as used in measurement and evaluation:
- i) Item difficulty index
 - ii) Criterion referenced test
 - iii) Item distractor
 - iv) Item discrimination index
 - v) Norm-referenced test **(10 marks)**
- b) 'In any educational program the **significance of measurement and evaluation** cannot be underestimated' Give FIVE reasons to justify this assertion. **(10 marks)**
- c) An item analysis data showed that an item was answered correctly by 44 out of 60 students in the upper group, and 22 students in the lower group answered the item correctly, but 4 out of 60 students in this group omitted the item. Work out the item's difficulty and discrimination indexes, and comment on the quality of this item. **(10 marks)**

QUESTION 2

- a) Outline any **FIVE** considerations to be observed by a teacher during the initial test planning, design and construction. **(5 marks)**
- b) Evaluate **FIVE** relative strengths and weaknesses of essay and objective tests **(10 marks)**

QUESTION 3

- a) Identify **FIVE** factors that affect validity of a test **(5 marks)**
- b) '**Validity and Reliability** of any measuring tool is fundamental' Justify this assertion **(10 marks)**

QUESTION 4

Discuss any **FIVE** important events in the historical development of tests and measurements **(15 marks)**

QUESTION 5

Critically examine the test administration standards as applied to the National Examinations in Kenya **(15 marks)**

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