MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS 2018/2019 ACADEMIC YEAR THIRD YEAR FIRST SEMESTER

SCHOOL OF EDUCATION

BACHELOR OF EDUCATION

(SCHOOL BASED)

COURSE CODE: PSY 311
COURSE TITLE: MEASUREMENTS AND EVALUATION

DATE: 22ND AUGUST, 2019   **TIME: 1100 – 1300 HRS**

INSTRUCTIONS TO THE CANDIDATES

Attempt question 1 (ONE) and any other 2 (TWO) questions

a) Explain **FIVE (5)** reasons for studying measurements and evaluation as a teacher

(10 marks)

b) (i) Complete the frequency table below;

Class Interval	Frequency	Mid Points	True/Real Class Limits	Cumulative Frequency Below	Cumulative Frequency Above
33-35	2				
30-32	4				
27-29	4				
24-26	8				
21-23	8				
18-20	5				
15-17	2				
12-14	1				

(4 Marks)

(ii) Using the above frequency table in b(i), compute the following measures; Mode, Median, Mean, Variance and Standard Deviation (5 marks)

(iii) Using the measures of central tendency found in b(ii) above, describe the

shape of the distribution of scores and performance of students on the test

(1 mark)

c) Illustrate by use of diagrams and comment on the following deviations from the normal curve:
   i)   Positive Skewness
   ii)   Negative Skewness
   iii)   Leptokurtic Distribution
   iv)   Mesokurtic Distribution
   v)   Platykurtic Distribution   (10 marks)

Q2. a) (i) Explain the following concepts:
        i)   Table of test specifications
        ii) Item analysis
        iii) Item format
        iv) Test specification   (8 marks)
    (ii) Give **TWO (2)** uses of table of specifications in test construction   (2 marks)

   b) Using examples, explain **FIVE (5)** general uses of measurement and evaluation

(10 marks)

Q3. a) Using examples, explain **FOUR (4)** levels (or scales) of measurement   (10 marks
    b) Differentiate between the following:
        i)   Descriptive statistics and inferential statistics
        ii) Item difficulty and item discrimination
        iii) Qualitative and quantitative variable
        iv) Continuous and discrete variable
        v)   Evaluation and measurement   (10 marks)

Q4. a) Explain the following item formats
   i) Written exams
   ii) Oral exams
   iii) Performance tests   (6 marks)
   b) Give **TWO (2)** advantages and **TWO (2)** disadvantages of written examinations
                                                                   (4 marks)
   c) Explain **FIVE (5)** factors that affect the choice of item format (or type) a teacher will
      use in making classroom test   (10 marks)

Q5. a) Discuss **FIVE (5)** qualities and skills a teacher should possess to be a successful item
       constructor   (10 marks)
    b) Explain **FIVE (5)** steps a teacher must observe during test construction   (10 marks)

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