MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

EPY 410:EDUCATIONAL TESTS, MEASUREMENTS AND EVALUATION

Date: 13th March, 2018

Time: 12.00 - 3.00pm

INSTRUCTIONS:

- Answer TWO Questions from each Section

SECTION A

Q1. (a) Using appropriate examples, distinguish between measurement, evaluation and tests. **(4.5 marks)**

(b) Explain any seven (7) uses of measurement and evaluation in education. **(7 marks)**

(c) Explain any six (6) unethical testing practices. **(6 marks)**

Q2. (a) Explain any six (6) disadvantages of using oral tests. **(6 marks)**

(b) Using relevant examples, describe four (4) types of measurement scales. **(11.5 marks)**

Q3. Explain B.S. Bloom's cognitive, affective and psychomotor taxonomy of educational objectives. **(17.5marks)**

SECTION B

Q4. Using relevant examples, discuss three measures of central tendency.

(17.5 marks)

Q5. The following is a distribution of scores obtained from Fourth Year Students in a CAT.

X	Y
10	14
13	15
11	9
15	16
12	10

(a) Construct a scatter plot of Y against X.   (7.5 marks)

(b) Calculate Pearson's Product Moment Correlation Coefficient between X and Y.   (10 marks)

Q6. The following is a distribution of test scores in History Examination.

10	7	8	10	10	11	9	10	11	12
11	9	9	7	8	12	9	10	12	13

(a) Construct a simple frequency distribution.   (7.5 marks)

(b) Calculate the arithmetic mean, mode and median from the frequency distribution in (a).   (10 marks)

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