

# **EMBU UNIVERSITY COLLEGE**

(A Constituent College of the University of Nairobi)

# 2015/2016 ACADEMIC YEAR

### TRIMESTER EXAMINATIONS

# SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION (ARTS)

# TPS 201: EDUCATIONAL MEASUREMENT AND EVALUATION

DATE: AUGUST 10, 2016 TIME: 08:00-10:00AM

#### **INSTRUCTIONS:**

#### Answer Question ONE and ANY other TWO Questions

#### **QUESTION ONE (30 MARKS)**

a) Differentiate between norm-referenced test and criterion referenced test. (5 marks)

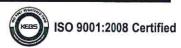
b) Explain the purpose of evaluation in education (5 marks)

c) Describe various ways a teacher can present examination data of students. (5 marks)

d) Explain the importance of table of specification in evaluation. (5 marks)

e) Explain the factors to consider when administering a test. (5 marks)

f) Explain the challenges in education evaluation in Kenya. (5 marks)



#### **QUESTION TWO (20 MARKS)**

a) Explain the importance of various shapes of distribution which teachers use to present

examination data.

(15 marks)

b) Describe how level of measurement can be used in classroom situation.

(5 marks)

## **QUESTION THREE (20 MARKS)**

a) Discuss the methods the teacher uses to estimate reliability of a test.

(15 marks) ,

b) Explain the importance of classical test theory in Education measurement.

(5 marks)

#### **QUESTION FOUR (20 MARKS)**

a) Teacher -made tests are the major basis for evaluating student's progress in school. Discuss

the evaluation instruments which can be used for effective evaluations.

(16 marks)

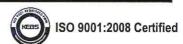
b) Differentiate between standardized tests and teacher- made tests.

(4 marks)

#### **QUESTION FIVE (20 MARKS)**

The table below indicates Kiswahili & Geography marks for form three students. The tests were scored out of 20 marks.

Student	A	В	С	D	E	F	G	Н	I	J
Kiswahili	16	15	14	13	13	12	12	12	11	10
English	15	16	12	16	14	14	14	10	12	10



# **REQUIRED:**

- i) Compute the spearman rank correlation coefficient in the above data. (10 marks)
- ii) Explain the disadvantages of using spearman rank correlation coefficient. (5 marks)
- iii) Discuss the assumptions of Pearson moment correlation coefficient. (5 marks)

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