



# **EMBU UNIVERSITY COLLEGE**

**(A Constituent College of the University of Nairobi)**

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**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**

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**INSTRUCTIONS:**

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

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**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	B	C	D	E	F	G	H	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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