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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
THIRD YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION(ARTS)
KEP 2303:EDUCATIONAL MEASUREMENT AND EVALUATION

Date: 5th December 2023

Time: 11:30am-1.30pm

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Explain the meaning of the following concepts. (6 marks)
- Formative Assessment
 - Summative assessment:
 - Alternative Assessment.
- b) Explain **three** beliefs of an idealist measurement and evaluation emphasis (6 marks)
- c) Examine **three** methods of evaluating the reliability of a test instrument. (6 marks)
- d) Examine three guidelines for writing true/false test items. (6 marks)
- e) Explain **three** Assumptions of spearman test. (6marks)

QUESTION TWO (20MARKS)

- a) Essay questions are easy to set, however they are challenging to mark and score, examine five ways you would avoid subjectivity during marking and scoring. (10 marks)
- b) Assume you have been appointed a head of your department at Kwetu secondary school, among your responsibilities is to induct new teaching staff member on setting exams. Prepare a five key point talk on setting good multiple choice questions. (10marks)

QUESTION THREE (20MARKS)

- a) Examine the concept of table of specification (4 marks)
- b) Explain the following concepts in relation to setting standard school exams
- Construct validity. (4 marks)
 - Content validity. (4 marks)
 - Face validity. (4 marks)
 - Criterion validity. (4 marks)

QUESTION FOUR (20 MARKS)

- a) By use of relevant examples illustrate **five** guidelines of setting good true and false test items. (10 marks)
- b) With relevant example explain the concept of item difficulty. (4 marks)
- c) In a test, 20 students attempted items, 1 and 2, and those who got item one correct were 4 and those who scored item 2, correct were 10. Calculate the item difficulty for item 1. (6 marks)

QUESTION FIVE (20MARKS)

- a) Explain **two** believes of Perennialism in assessing student achievement. (4 marks)
- b) Examine three applications of regression analysis. (6 marks)
- c) Explain **five** conditions you would consider important before engaging in a regression analysis. (10 marks)