

UNIVERSITY OF ESWATINI



FACULTY OF EDUCATION

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

FINAL EXAMINATION PAPER

NOVEMBER 2019

BACHELOR OF EDUCATION (B.Ed.) III Full-Time
BACHELOR OF EDUCATION (B.Ed.) III Part-Time
POST GRADUATE CERTIFICATE IN EDUCATION (PGCE) Full-Time
POST GRADUATE CERTIFICATE IN EDUCATION (PGCE) Part-Time

COURSE CODE: EFM 313/EFM 513/EDF323/EDF 321
COURSE TITLE: EDUCATIONAL EVALUATION
TIME ALLOWED: THREE (3) HOURS
INSTRUCTION: ANSWER QUESTION ONE (1) AND
ANY OTHER TWO QUESTIONS IN
ALL

TOTAL MARKS: 100

THIS PAPER IS NOT TO BE OPENED UNTIL YOU ARE PERMITTED TO DO SO.

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS IN ALL

Question 1: Compulsory

1a. The following set of scores were obtained by 10 undergraduates in Educational Research test: 12, 20, 18, 32, 35, 22, 18, 26, 30 and 17. For the distribution of scores presented, compute the:

- i. Mean (\bar{X}) of the scores (5marks)
- ii. $\sum(X - \bar{X})^2$ (5marks)
- iii. Variance (3marks)
- iv. Standard deviation (4marks)
- v. Range (2marks)
- vi. Median (2marks)
- vii. How many undergraduates scored above the class mean (2marks)

b. Categorise the following sub-categories of the domain of educational objectives: Understanding, valuing, guided response, receiving, analysing, and origination under the three domains of Taxonomy of Educational Objectives as presented in Table 1

Table 1 Major and sub-categories of domains

Major domains	Cognitive	Affective	Psychomotor
Sub-categories of domains			

(6marks)

- c. Identify five steps to be followed when constructing standardized achievement tests. (5marks)
- d. State three advantages of multiple-choice objective test over the essay test. (6marks)

Total = 40marks

Question 2

- 2a. State any four methods you can use to validate verbal test items and explain any one out of the stated methods. (12marks)
- b. Table 2 shows the scores of a student in two different tests and the test statistics for each.

Table 2: Standards scores

	Test 1	Test 2
Score	80	70
Mean (\bar{X})	92	55
Standard deviation (SD)	11	13
Z-score		
T-score		

Use the information in the table to:

- i. Compute the Z-score and T-score values of Test 1 and Test 2, and show all workings clearly. **(16marks)**
- ii. Comment on the value of the Z-score for the two tests. **(2marks)**

Total = 30marks

Question 3

- 3a. Identify any three assessment techniques commonly used by classroom teachers and discuss two. **(15marks)**
- b. Usability of the test depends on its practical features. Identify and explain any three of its practical aspect that should be considered when selecting tests and other evaluating instruments. **(15marks)**

Total = 30marks

Question 4

- 4a. State four characteristics of teacher made test **(10marks)**
- b. Distinguish between the following pairs of terms
 - i. Criterion Referenced and Norm Referenced tests **(10marks)**
 - ii. Item difficulty and item discrimination **(10marks)**

TOTAL = 30MARKS