UNIVERSITY OF ESWATINI

FACULTY OF EDUCATION

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

SUPPLEMENTARY EXAMINATION PAPER

JANUARY 2020

BACHELOR OF EDUCATION (B.Ed.) III Full-Time
BACHELOR OF EDUCATION (B.Ed.) III Part-Time
POST GRADUATE CERTIFICATE IN EDUCATION (Full Time)
POST GRADUATE CERTIFICATE IN EDUCATION (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. Table 1 shows the uppers 27% and lowers 27% of examinees responses on a test item of five options. The correct option (Key) out of the five options is D.

Table 1: Summary of examinees responses to an item (key and distractors)

	A	B	C	D*	E
Upper 27%	0	0	2	17	9
Lower 27%	9	0	9	7	3

D^* is the correct option (Key) among the options.

Use the information in Table 1 to:

    i.   Compute the difficulty level (P) of the test item   **(5marks)**
    ii.   Compute the discriminating power (D) of the test item   **(5marks)**
    iii.   Identify the bad distractor among the options, give reasons**(3marks)**
    iv.   Identify the distractor to be modified among the options
        for future use, give reasons   **(3marks)**
    v.   Apart from the correct option, identify the options that discriminate better between the examinees that belong to Upper 27%and Lower 27%   **(2marks)**

b. State three advantages of an essay test compared to a multiple choice objective test   **(6marks)**

c. Identify the three major categories of domains of educational objectives by Bloom (1956) and give two examples of each   **(6marks)**

d. State four importance of continuous assessment in any educational programme. **(10marks)**   **Total Marks = (40marks)**

Question 2

2. Explain any two methods you can use to estimate the reliability of test items **(20marks)**

b. State any four (4) characteristics of standardized test **(10marks)**

    Total Marks = (30marks)

Question 3

3a. Identify four characteristics of continuous assessment and explain any one

(14marks)

b. Table 2 shows the distribution of scores obtained by five (5) high school learners in English and French language tests

Table 2: Scores of learners in English and French

English (X)	7	5	9	5	6
French (Y)	3	5	1	7	0

Use the scores presented in Table 2 to:

i. Compute the correlation coefficient value using Pearson Product Moment Correlation (PPMC) formula =

$$\frac{N\sum XY - \sum X \sum Y}{\sqrt{\{N\sum X^2 - (\sum X)^2\}\ \{N\sum Y^2 - (\sum Y)^2\}}}$$
(14marks)

ii. Comment on the relationship that exists between the performance of the learners in the two languages **(2marks)**

Total = 30marks

Total Marks = (30marks)

Question 4

4a. Differentiate between measurement and evaluation **(10marks)**

b. State four (4) advantages of a criterion-referenced test over the norm-referenced test **(10marks)**

c. Objective tests include true/false, matching, short answer, completion and multiple choice formats. Categorise these under the two categories of objective tests format as presented in Table 3

Table 3: Categories and types of objective tests

Categories	Selected type	Supply type
Objective tests		

(10marks)

Total Marks = (30marks)