UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

FINAL EXAMINATION PAPER

DECEMBER 2015

COURSE CODE   :   EDF 323/ EFM 513

TITLE OF PAPER   :i) Educational Evaluation: B. Ed III (Part Time)

ii) Educational Evaluation: B.Ed. III (Full Time)

iii) Education Evaluation PGCE (Full Time)

TIME ALLOWED   :   THREE (3) HOURS

INSTRUCTIONS   :   ANSWER QUESTION ONE (1) AND ANY
OTHER TWO QUESTIONS OF YOUR
CHOICE.

TOTAL MARKS 100

THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION TO DO SO HAS BEEN
GRANTED BY THE INVIGILATOR.

ANSWER QUESTION <u>ONE</u> AND ANY OTHER TWO QUESTIONS OF YOUR CHOICE

Question 1: Compulsory

Question 1

Use the five (5) scores that were sampled from a Geography class of 36 students to answer the following questions:

Students	Marks
A	16
B	17
C	19
D	23
E	25

a) What do you understand by the concept of variability? (5 marks)

b) Compute the mean, variance and standard deviation and interpret all the calculated values.

$$sd = \sqrt{\sum (x - X)^2 / n}$$ (25 marks)

c) Compute the following derived scores

   i) The Z-score of B and interpret. (5 marks)

   ii) The T-score of B and interpret. (5 marks)

Total marks [40 marks]

Question 2

Write brief notes (at least 10 lines) on each of the following, explaining what they are and how they contribute towards effective assessment of children's learning.

   a) The test – retest method of estimating reliability

   b) The split- half method of estimating reliability

   c) Value of Essay tests

   d) Processing test scores after making a test

   e) Summative evaluation

   f) The value of test analysis

                   (5 marks each)   **Total [30 marks]**

Question 3

Explain the concept of measurement and evaluation as applied in education. Discuss fully how measurement and evaluation can be used to improve teaching and learning in a classroom situation.

Total (30 marks)

Question 4

Discuss any **three (3)** challenges that are likely to be experienced by classroom teachers in grading essay type of tests and how each of the identified challenges can be improved /resolved.

3 x 10 = 30 marks

Total marks [30

END OF EXAM PAPER