



ALUPE UNIVERSITY
OFFICE OF THE DEPUTY VICE CHANCELLOR

ACADEMICS, RESEARCH AND STUDENT AFFAIRS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER REGULAR
EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF EDUCATION

COURSE CODE: PSY311

**COURSE TITLE: EDUCATIONAL MEASUREMENT AND
EVALUATION**

DATE: 16TH APRIL 2024 TIME: 2:00PM – 5:00PM

INSTRUCTIONS TO CANDIDATES

SEE INSIDE

THIS PAPER CONSISTS OF FOUR PRINTED PAGES. PLEASE TURN OVER

REGULAR – MAIN EXAM**PSY311: EDUCATIONAL MEASUREMENT AND EVALUATION****STREAM: BED****DURATION: 3 HOURS****INSTRUCTIONS TO CANDIDATES****Answer Question ONE and any other TWO questions****Do not write on the question paper****Question One**

a) Define the terms below:-

i) Measurement (1 Mark)

ii) Evaluation (1 Mark)

iii) Assessment (1 Mark)

b) Highlight **FOUR** importance of instructional objectives in educational measurement and evaluation. (4 Marks)

c) Find the variance of the following distribution:-

8, 7, 5, 4, 4, 2 (4 Marks)

d) Highlight **FOUR** basic grading guidelines. (4 Marks)e) Highlight **FOUR** levels of measurement (4 Marks)f) Identify **THREE** attributes of a measurement scale. (3 Marks)g) List any **THREE** methods used to graph data. (3 Marks)h) Highlight **FIVE** importance of assessment of students to the teacher. (5 Marks)**Question Two**a) Explain **FIVE** importance of the table of specification in the preparation of exams.

(10 Marks)

b) The table below shows the ranks of students in tests of Mathematics and Physics.

Calculate the Spearman's rank correlation coefficient.

(6 Marks)

R_M	R_P
8	7
5	10
9	6
2	3

4	2
1	5
7	9
3	1
10	8
6	4

- c) Discuss the locations of the mean, mode and median in the normal distributions and in skewed distributions. (4 Marks)

Question Three

The table below relates to WXY Limited:-

Class interval	Frequency
35-39	3
40-44	2
45-49	5
50-54	10
55-59	12
60-64	11
65-69	5
70-74	2

You are required to:-

- (a) Calculate the mean. (3 Marks)
- (b) i. Calculate the median. (4 Marks)
- ii. identify the modal class. (1 Mark)
- (c) Calculate
- i. the variance (4 Marks)
- ii. the standard deviation. (2 Marks)
- (d) Construct a histogram. (6 Marks)

Question Four

- a) Discuss the steps of test construction. (8 Marks)