



OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

UNIVERSITY EXAMINATIONS

2020/2021 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER REGULAR MAIN
EXAMINATION

**FOR THE DEGREE OF BACHELOR OF
EDUCATION**

COURSE CODE: SPY 423

**COURSE TITLE: PSYCHOMETRIC TESTS AND
MEASUREMENT**

DATE: 15TH JULY, 2021

TIME: 1.00 PM----4.00 PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF THREE PRINTED PAGES

PLEASE TURN OVER

SPY 423 PSYCHOMETRIC TESTS AND MEASUREMENT

STREAM: Bsc Counselling Psychology

DURATION: 3 HOURS

INSTRUCTIONS TO CANDIDATES

- i. Answer Question **ONE** and any other **Two**
- ii. Do not write on the question paper

Question One

- a) Define the term 'psychometric tests' (2mark)
- b) State FOUR uses of psychometric tests (4marks)
- c) Explain TWO broad types of psychological tests (4marks)
- d) Highlight FOUR sources of information that psychological assessment contributes to the understanding of individual characteristics and capabilities (4marks)
- e) List FOUR goals of clinical interviews (4marks)
- f) Identify THREE environmental conditions that enable one to obtain a representative sample of behavior. (6marks)
- g) Tests can be administered in an *adaptive* or *linear* fashion, differentiate between *adaptive* and *linear* fashion using suitable examples (4marks)
- h) Give TWO reasons why psychological tests are usually referred to as standardized (2marks)

Question Two

- a) Citing relevant examples, give FOUR differences between norm-referenced (or *normative*) and *criterion-referenced* tests (8marks)
- b) Explain what is assessed by the Minnesota Multiphasic Personality Inventory (MMPI) (12marks)

Question Three

- a) State FOUR ways in which test Reliability is assessed. (4marks)

- b) State and explain FOUR factors that can affect the reliability of a test's scores. (8marks)
- c) define the term validity as used in psychometric tests and measurement (2marks)
- d) Described THREE primary types of evidence related to validity (6marks)

Question Four

Describe the TEN Clinical Subscales of the Minnesota Multiphasic Personality Inventory MMPI-2 (20 marks)

Question Five

- a) The following scores were obtained by six students of psychology in the two semester examinations. Using r_{xy} , determine whether the tests were internally consistent or not.

(16marks)

Candidates	Exam 1 (X)	Exam 2 (Y)			
C ₁	50	45			
C ₂	49	50			
C ₃	30	25			
C ₄	11	10			
C ₅	11	15			
C ₆	10	12			
Σ	x =161	y =157			

- b) Comment on the results (4 marks)
