

**CHUKA UNIVERSITY**  
**SPECIAL/RESIT EXAMINATIONS APRIL 2025**  
**AGED 222: MEASUREMENT AND EVALUATION IN AGRICULTURAL EDUCATION**

**STREAMS: B.SC. AGED**

**DAY/DATE.....**

**TIME: 2 Hrs**

**Instructions:**

- Answer question one (**Compulsory**) and any other **three** questions
- Do not write anything on the question paper.

1. (a) In evaluating students in a school set up, explain five principles an agriculture teacher should take into account for the process to be most effective. (10 marks)  
(b) Explain the significance of tests and measurement (8 marks)  
(c) Describe the process of item analysis for a norm referenced test (7 marks)
2. (a) Describe three scales of measurement. (12 marks)  
(b) Explain three rules applicable to good test construction. (3 marks)
3. (a) Explain five factors affecting the validity of teacher made tests. (10 marks)  
(b) Describe the split half-half method of estimating the reliability of a test. (5 marks)
4. (a) Discuss four methods of interpreting test results. (12 marks)  
(b) Explain three factors that may influence students to cheat in examinations. (3 marks)
5. (a) Explain five types of objective test items. (10 marks)  
(b) Highlight five advantages of essay test items (5 marks)

END