



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**THIRD YEAR EXAMINATION FOR THE AWARD OF THE**  
**DEGREE OF BACHELOR OF EDUCATION**  
**IN EARLY CHILDHOOD EDUCATION**  
**SECOND SEMESTER, 2021/2022**  
**(FEBRUARY - JUNE, 2022)**

**EPSC 311: MEASUREMENT AND EVALUATION**

**STREAM: Y3 S2**

**TIME: 2 HOURS**

**DAY: FRIDAY, 3:00 – 5:00 P.M.**

**DATE: 20/05/2022**

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**INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE [Compulsory] and any TWO questions.***

**QUESTION ONE**

- Using examples, differentiate between formative and summative evaluation. (6 marks)
- Using examples, explain the factors to consider when selecting a test format. (5 marks)
- Explain the characteristics of a good instructional objective (5marks)
- Distinguish between reliability and validity of a test (6 marks)
- Using examples, discuss the different scales used in measurement (8 marks)

**QUESTION TWO**

- With relevant examples, explain five characteristics of a good test. (10 marks)
- Using specific examples, explain how a table of specifications is used when planning for a test (10 marks)

### **QUESTION THREE**

- a) Explain the factors that influence the validity of a test (8 marks)
- b) With relevant examples, identify the different cognitive levels of educational objectives according to Bloom's taxonomy (12 marks)

### **QUESTION FOUR**

- a) Explain the major functions of test in education (10 marks)
- b) Discuss the three major steps in test development (6 marks)
- c) In a class of 80 students, 50 students correctly answered a question. What was the difficult index of the question? (4 marks)