



# **MACHAKOS UNIVERSITY**

University Examinations for 2019/2020

**SCHOOL OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL COMMUNICATION AND EARLY CHILDHOOD**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR**

**MASTER OF EDUCATION**

**ECT 833: CLASSROOM CLIMATE, RESOURCES AND THE SOCIAL CONTEXT OF**

**MATHEMATICS LEARNING**

**DATE: 7/8/2021**

**TIME : 8.00-11.00 AM**

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## **INSTRUCTIONS**

**Answer Question One and Any Other Two Questions**

### **QUESTION ONE (20 MARKS)**

Giving relevant examples, discuss the relationship between culture and mathematical learning and attainment in Kenya.

### **QUESTION TWO (20 MARKS)**

“The learning environment is an influential factor in students’ achievement”. Discuss this statement basing your arguments on Secondary School Mathematics.

### **QUESTION THREE (20 MARKS)**

‘Non-cognitive factors have been considered as particularly important aspects in shaping students’ academic achievement’. Discuss

### **QUESTION FOUR (20 MARKS)**

Assess Affective issues affecting the teaching and learning of Mathematics in Secondary Schools.

### **QUESTION FIVE (20 MARKS)**

Discuss the relationship between Language and the teaching and learning of mathematics in Secondary Schools.