



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF EDUCATION

**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION IN
PLANNING AND ECONOMICS OF EDUCATION**

1ST YEAR SEMESTER ONE 2018/2019 ACADEMIC YEAR

MAIN CAMPUS – INSTITUTIONAL BASED

COURSE CODE: EMA 851

COURSE TITLE: EQUITY AND EFFICIENCY IN EDUCATION

DATE: 19/08/19

EXAMS SESSION: 9.00 – 12.00NOON

TIME: 3HRS

INSTRUCTIONS

- 1. This paper contains five (5) questions.**
- 2. Attempt question one (Compulsory) and ANY other TWO questions.**
- 3. Write all the answers in the booklet provided.**

QUESTION ONE

a) The following information relates to enrolment of students and corresponding number of repeaters in secondary education between 2010 and 2013 in a given county.

	FORM				
YEAR	1	2	3	4	G
2010	100400*	92400	90500	87400	60002
	6000**	6200	5800	5500	
2011	104690	101500	87490	89600	59100
	6200	5900	5620	6200	
2012	116400	102460	99600	90100	69100
	6370	6200	5900	7500	
2013	127900	109900	100600	96900	70205
	6400	6140	6000	6900	

Legend:

*- Is number of enrolment

** - Is number of Repeaters

G – Is number of graduates

Using the table, compute to three decimal place:

(12 marks)

- Actual Grade survival Rate in each of the forms in 2012
- Grade Repeater Rate in each of the forms in 2013
- Grade Drop-out Rate between forms 2 and 3 in 2012.
- Grade Wastage Rate in all of the forms in 2011
- Crude Cohort Wastage Rate for the period
- Graduation Rate of the county

b) Explain with help of appropriate diagrams, how the Gini-coefficient and the Lorenz curve can be used to measure inequality of educational resources in Kenya. (10 marks)

c) In the past, education systems in developing countries have tended to cater for the elastic group in the society. Discuss four measures that are currently being undertaken to democratize access to educational opportunities in Kenya. (8 marks)

QUESTION TWO

a) In your view, discuss eight indicators of “quality education” (8 marks)

b) Analyze how education can be used as a redistributive tool of income in developing countries (7 marks)

QUESTION THREE

a) Examine the contention that inequality in the distribution of educational resources is a major problem in developing countries today. (8 marks)

b) What mitigation measures do you advocate to work against the inequities in education in Kenya? (7 marks)

QUESTION FOUR

a) Discuss the factors that determine the demand and supply of education in the Sub-saharan countries (12 marks)

b) Explain three measures of reducing the demand of education (3 marks)

QUESTION FIVE

a) Differentiate between internal and external efficiency in education (5 marks)

b) In your view, to what extent is the Kenyan education system inefficient? (10 marks)

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