



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
3RD YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR
MAIN CAMPUS-REGULAR

COURSE CODE: ECT 323

COURSE TITLE: SPECIAL METHODS OF TEACHING BUSINESS STUDIES

EXAM VENUE:

STREAM: (BED)

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE

- .a) Comment on two approaches of teaching Business studies in secondary schools (10mks)
- b) Discuss four major aims and objectives of teaching Business studies at secondary schools (10mks)
- c) Prepare a scheme of work on any Business studies topic for a week (5mks)
- d) Prepare a detailed lesson plan in Business studies for a day (5mks)

QUESTION TWO

- a) There are some preliminary considerations taken into account in the drafting of the Business studies school syllabus. Explain any seven of these considerations (10mks)
- b) Explain the structure of the secondary school Business studies syllabus (10mks)

QUESTION THREE

a) Discuss the following methods in the teaching of business studies

- i) Question –answer method
- ii) The lecture method
- iii) The discussion method (9mks)

b) Explain three specific teaching resources in the teaching of business studies (6mks)

QUESTION FOUR

a) What is the usefulness of the following professional documents to a teacher

- i) Syllabus
- ii) Record of work covered
- iii) Student progress record (9mks)

b) Explain six characteristics of various resource persons you may utilize in the teaching of business studies (6mks)

QUESTION FIVE

a) Comment on the school administration and teacher oriented problems in the teaching of Business studies in schools (9mks)

b) Highlight the key areas a teacher should emphasize when doing the following:

- i) Introduction
- ii) Summary
- iii) Conclusion (6mks)



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SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
2ND YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII CAMPUS

COURSE CODE: ECT 211

COURSE TITLE: EDUCATION MEDIA AND RESOURCES

EXAM VENUE: **STREAM: (BED)**

DATE: **EXAM SESSION:**

TIME: 2 HOURS

Instructions:

- 4. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 5. Candidates are advised not to write on the question paper.**
- 6. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE

- a) i) Define “3- dimensional materials” (1mk).
ii) Explain six three dimensional materials that a teacher can employ in delivery of content(12mks)
- b) Outline Eight criteria for effective use of 3- dimensional models in teaching (8mks)
- c) Discuss five ways a teacher may make use of a multi-media resource centre in a county (10mks).

QUESTION TWO

- b) With aid of a schematic presentation, discuss the five elements of communication a teacher may use in classroom to convey instruction. (10mks)
- c) Explain five ways through which a teacher can use the non-verbal communication in classroom delivery (10mks).

QUESTION THREE

- a) Comment on four principles of media utilization (8mks)
- b) Discuss the criteria of selecting media for usage in classroom situation (12mks)

QUESTION FOUR

- a) Discuss six stages of preparing a PowerPoint presentation in one of your teaching subjects
- b) Examine four pros and four cons of power point presentation as a method of teaching (8mks)

QUESTION FIVE

- a) Discuss how you can make use of educational Radio Programme in one of your teaching subjects(12mks)
- b) Discuss four merits and four demerits of educational radio programmes in teaching(8mks).



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SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR MASTER OF EDUCATION DEGREE IN PLANNING
AND ECONOMICS OF EDUCATION

1ST YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII LEARNING CENTRE

COURSE CODE: EMA 851

COURSE TITLE: EQUITY AND EFFICIENCY IN EDUCATION

EXAM VENUE: LR 13

STREAM: (MED)

DATE: 27/04/2016

EXAM SESSION: 11.30 – 2.30 PM

TIME: 3 HOURS

Instructions:

1. Answer Question ONE (COMPULSORY) and ANY other 2 questions
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.

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:

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

(12 mark)

- 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 elistic 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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PLANNING AND ECONOMICS OF EDUCATION
1ST YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII LEARNING CENTRE

COURSE CODE: EMA 852

COURSE TITLE: FINANCING OF EDUCATION

EXAM VENUE: LR 13

STREAM: (MED)

DATE: 26/04/2016

EXAM SESSION: 11.30 – 2.30 PM

TIME: 3 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE

a) Educational Institutions receiving public funds are supposed to be required to be audited by an audit unit of the ministry of education. Discuss four possible types of audit opinions that may be supplied to an institution at the end of the exercise. (12 marks)

b) Discuss why stakeholders of education find it necessary to finance different levels of education (8 marks)

c) Explain the usefulness of any five books of accounts of an educational institution. (5 marks)

d) Outline the auditing procedure of an education institution. (5 marks)

QUESTION TWO

a) Explain any eight components of a strategic plan of an educational institution. (8 marks)

b) Discuss seven factors that necessitated the introduction of the cost-sharing policy in the provision of education services. (7 marks)

QUESTION THREE

a) Comment on the principles of budgeting of educational institutions. (7 marks)

b) Explain how accountability and transparency of financial resources can be upheld in educational institutions. (8 marks)

QUESTION FOUR

a) Account for the evolution of financing education in Kenya. (10 marks)

b) The dawn of the 21st century has seen the expenditure on education escalate. Discuss. (5 marks)

QUESTION FIVE

a) Critically assess loans as a method of financing education in Kenya. (10 marks)

b) Comment on the challenges of financing tertiary level of education in Kenya. (5 marks)



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
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UNIVERSITY EXAMINATION FOR MASTER OF EDUCATION IN SPECIAL NEEDS
EDUCATION 1ST YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII LEARNING CENTRE

COURSE CODE: EMA 840

COURSE TITLE: RESEARCH METHODS II

EXAM VENUE:

STREAM: (MED)

DATE:

EXAM SESSION:

TIME: 3 HOURS

Instructions:

4. Answer Question ONE (COMPULSORY) and ANY other 2 questions
5. Candidates are advised not to write on the question paper.
6. Candidates must hand in their answer booklets to the invigilator while in the examination room.

QUESTION ONE (COMPULSORY)

- a) a) Select one of the problems you would wish to research on in your area of specialty and write on the following:
 - i) Statement of the problem
 - ii) Four objectives of your study
 - iii) Hypotheses and / or research questions
 - iv) Four subsections of the literature review
 - v) Research design

(10mks)

- b) A group of ten candidates scored the following marks in English and Kiswahili tests:

English(X)	12	18	16	11	7	10	13	17	12	9
Kiswahili (Y)	6	5	7	7	4	9	8	13	10	11

Calculate and comment on Karl-pearson's Product moment correlation coefficient (10mks)

b)The marks of 1000 candidates in an examination were normally distributed with a mean mark of 45% and standard deviation of 10%.

i) Given that the pass mark in the test was 60%, estimate the number of candidates who passed the examination (5mks)

ii) Calculate the probability that a student picked at random from the group scored between 35% and 65% (5mks)

QUESTION TWO

A researcher was interested in studying television channel viewing in some locality and age set of viewers. The results were as shown in the table below:

Age set	TV Channel Viewed			Total
	KBC	KTN	NTV	
Young	120	112	129	361
Old	67	210	99	376
Total	187	322	228	737

Using Chi-square (χ^2) and $\alpha=0.05$, test whether there is a statistical relationship between TV viewed and Age set of viewers. (15mks)

QUESTION THREE

The following information relates to the number of unlicensed drivers and number of road accidents in a given country.

No. of unlicensed drivers (X)	No. of road accidents (Y)
50	55
30	20
60	59
75	78

40	55
90	70
15	20
19	15
64	60
80	84

- a) Represent the data using a scatter diagram and give your interpretation (3mks)
b) Find a regression equation that fits the data and interpret the results (12mks)

QUESTION FOUR

The distribution of scores for a certain master of education unit for a group of 50 candidates were as follows:

Marks	No of Candidates
50-54	2
55-59	5
60-64	7
65-69	8
70-74	11
75-79	9
80-84	4
85-89	2
90-94	2

- a) Estimate the:
- Mean mark (4mks)
 - Median mark (4mks)
 - Standard deviation (4mks)
 - Modal mark (2mks)
- b) By calculating the coefficient of Skewness or otherwise, describe the nature of distribution of scores in the test. (1mks)

QUESTION FIVE

The K.C.S.E Mathematics examination score for a given county assessment test in 2013 was 51% with a standard deviation of 14. A county director of education believes that students who were in public boarding primary schools score better in the test. The director obtains a simple random sample of 40 high school students who were in public boarding primary schools and finds that their mean score is 54%, conduct a traditional method of hypothesis testing to determine if the director's beliefs are supported by data at 5% level of significance. (15mks).



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EDUCATIONAL ADMINISTRATION
1ST YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR
MAIN CAMPUS SCHOOL BASED

COURSE CODE: EMA 821

COURSE TITLE: RESEARCH METHODS I

EXAM VENUE: NUR 1

STREAM: (MED)

DATE: 25/04/2016

EXAM SESSION: 11.00 – 2.00 PM

Instructions:

1. Answer Question ONE (COMPULSORY) and ANY other 2 questions
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.

QUESTION ONE

- a) Examine six mixed methods research designs. (12 marks)
- b) The committee on Scientific and Professional Ethics of the American Psychological Association (1990) published a list of ethical principles for the conduct of research with human subjects. Describe five such ethical Principles. (10 marks)
- b) Examine four methods a qualitative researcher may use to conduct:
- i) Reliability of instruments (4 marks)
 - ii) Validity of instruments (4 marks)

QUESTION TWO

- a) Explain four non-Probability sampling techniques in research. (8 marks)
- b) Outline seven distinguishing features between qualitative and quantitative research (7 marks)

QUESTION THREE

- a) Examine the various forms of administering a questionnaire and conducting interview that a researcher may utilize in exploring a problem. (10 marks)
- b) Discuss five pre-field work logistics that a researcher has to adhere to (5 marks)

QUESTION FOUR

- a) Explain how you can analyze data collected by way of interview and observation. (10 marks)
- b) Explain six Circumstances under which it is appropriate to do quantitative research. (5 marks)

QUESTION FIVE

- a) Comment on five justifications and four weaknesses of the following:

- i) Case study
- ii) Survey research
- iii) Ethnography
- iv) Ex-post facto research design (8 marks)

- b) Evaluate the contention that positivism and constructivism theories are critical issues in research (7 marks)