

INTERNATIONAL UNIVERSITY OF AFRICA, KHARTOUM
COLLEGE OF EDUCATION, ZANZIBAR



THIS IS TO CERTIFY THAT

The Academic Council of the International University of
Africa - Khartoum

0001864

Upon the recommendation of the Higher Council of the
College of Education Zanzibar,
has awarded

Fatma Mussa Juma

the degree of

BACHELOR OF

with **EDUCATION**

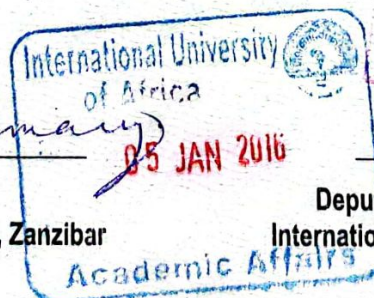
Upper Second

After having satisfied all the requirements

On the 12th day of September in the year 2015

[Signature]

Principal
College of Education, Zanzibar



Deputy Vice-Chancellor (Academic)
International University of Africa, Khartoum



COLLEGE OF EDUCATION, ZANZIBAR
AFFILIATED TO
INTERNATIONAL UNIVERSITY OF AFRICA, KHARTOUM
بكالوريوس العلوم في التعليم
جامعة إفريقيا العالمية، الخرطوم
كلية التربية الجامعية بزنجانر
BACHELOR OF SCIENCE WITH EDUCATION
OFFICIAL TRANSCRIPT OF ACADEMIC RECORD



NAME: FATMA MUSSA JUMA
DATE OF ADMISSION: OCTOBER 2012
DATE OF COMPLETION: JULY 2015
DATE OF ISSUE: NOVEMBER 2015
NATIONALITY: TANZANIA



DEPARTMENT: SCIENCE
SPECIALIZATION: MATHEMATICS/COMPUTER
REG. NO: 12IMC/001
SERIAL NO: 001 /15 / MATHEMATICS/COMPUTER
SPONSOR: HESLB

TITLE OF COURSE	CR	GRD	P
1ST SEMESTER 2012/2013			
Introduction to Computer application & concepts	3	A	5
PC Hardware & OS Architecture	3	A	5
Introduction to High Level Programming	3	A	5
Calculus - 1	3	C	2
Linear Algebra	3	B+	4
Basic Mathematics	2	A	5
Foundation of Islamic Education	2	B	3
Physical Education - 1	2	B	3
English Language - 1	1	B+	4
Arabic Language - 1	3	B	3
Islamic Culture - 1	2	A	5
Islamic Culture - 1	2	B	3
AVERAGE			3.93

TITLE OF COURSE	CR	GRD	P
4TH SEMESTER 2013/2014			
Abstract Algebra	3	B+	4
General Topology	2	C	2
Linear Programming	2	B+	4
System Analysis & Design	3	B	3
Operating System	3	B	3
Data Structure & Algorithms	3	B	3
Software Development Project Management	3	B+	4
Educational Psychology	2	B	3
Special Methods of Teaching	2	B	3
AVERAGE			3.26

2ND SEMESTER 2012/2013			
Digital Electronics	3	A	5
Object oriented Programming in C++	4	C	2
Calculus - 2	3	B+	4
Differential Equations	3	B+	4
Developmental Psychology	2	C	2
History & System of Education in Africa	3	A	5
English Language - 2	3	A	5
Islamic Culture - 2	2	B+	4
AVERAGE			3.65

5TH SEMESTER 2014/2015			
Graphics Design	3	B+	4
Programming with JAVA	4	A	5
Research Methods	3	A	5
Research Analysis	3	B+	4
Research Methods	2	A	5
Research Evaluation	2	B+	4
AVERAGE			4.53

3RD SEMESTER 2013/2014			
Web Design & Development	4	B+	4
Data Communication & Networking Technology	3	B+	4
Complex Analysis - 1	3	B+	4
Partial differential Equations	3	B	3
Probability and Statistics	3	A	5
Curriculum Development	3	B+	4
Educational Technology	2	B+	4
General Methods of Teaching	2	C	2
Structured Query Language	4	B+	4
Islamic Culture - 3	4	B+	4
AVERAGE			3.86

6TH SEMESTER 2014/2015			
Vector Analysis	3	A	5
History of Mathematics	3	A	5
Rigid Body Mechanics	3	A	5
Research Project	3	A	5
Teaching Practice	4	B+	4
School Administration	2	B+	4
AVERAGE			4.67

CGPA: 3.93 GENERAL GRADE **UPPER SECOND**

Key to Grades
70-100=A
60 to below 69=B+
50 to below 59=B
40 to below 49=C
30 to below 39=D

Registrar

Principal

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E-mail: amacez@zitec.Org.