



HH0018196

The faculty has been accredited by NAQAAE

AL-AZHAR UNIVERSITY
FACULTY OF SCIENCE
STUDENT AFFAIRS

CERTIFICATE

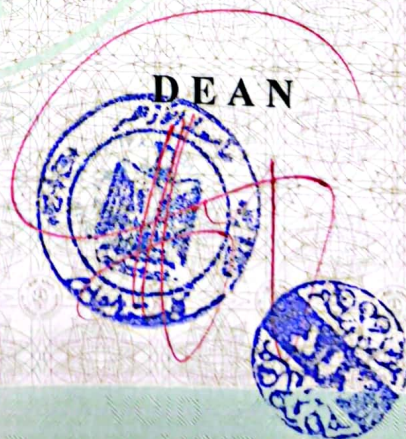
This is to certify that **Mr. Khaled Khalaf Mourad Mahmoud Khalaf** has been graduated at this faculty and awarded the degree of **B.Sc. Pure Mathematics and Computer Science** with grade **Excellent "With Honour Degree"**. His total marks for all study years are **5895** out of **6700** Total percentage **87.99%** in **May 2022**.

Cairo, 23/10/2022

REGISTRAR

Mohamed Khaled

DEAN





AL-AZHAR UNIVERSITY
FACULTY OF SCIENCE
STUDENT AFFAIRS



HH0018197

A statement of subjects taken by marks awarded to **Mr. Khaled Khalaf Mourad**
Mahmoud Khalaf during his study in the Faculty

First Year 2018/2019			
Subject	Minimum Degree	Degree	Grade
Statics	132	150	Excellent
Waves & Optics	193	200	Excellent
Electricity & Alternative Current	176	200	Excellent
Islamic Jurisprudence	88	100	Excellent
Algebra	84	100	Very Good
Differentiation and Integration	122	150	Very Good
Dynamics	200	200	Excellent
Geometry	96	100	Excellent
Heat & Thermodynamics	149	200	(Good)
General Chemistry	152	200	Very Good
English Language	49	50	Excellent
Creed and Ethics	94	100	Excellent
Holy Quran	94	100	Excellent
General Grade	1629	1850	Excellent
Second Year 2019/2020			
Differentiation and Integration	138	150	Excellent
Differential equations	128	150	Excellent
Statics	146	150	Excellent
Electricity and Alternative current	165	200	Very Good
Vibrations, Waves and Light	83	100	Very Good
Experimental Physics	187	200	Excellent
Modern Physics	83	100	Very Good
Geometry			Successful
Linear Algebra			Successful
Dynamics			Successful
Statistical physics			Successful
Atomic physics			Successful
Analytical mechanics			Successful
Computer			Successful
English Language			Successful
Biography of the Prophet			Successful
Holy Quran			Successful
General Grade	1050	1050	Excellent
Third Year 2020/2021			
Ordinary differential Equations	135	150	Excellent
Algebra and Discrete Mathematics	135	150	Excellent
Introduction to Programming	110	150	(Good)
Computer Organization	134	150	Excellent
Mathematical logic	82	100	Very Good
Statistics and Probabilities	127	150	Very Good
Complex analysis	144	150	Excellent
Numerical analysis	144	150	Excellent
Stochastic processes	91	100	Excellent
Data structure	122	150	Very Good
Files processing	125	150	Very Good
Advanced programming	119	150	Very Good
Quran Interpretation.	91	100	Excellent
Holy Quran	99	100	Excellent
Studies and Environmental Issues	85	100	Excellent
General Grade	1743	2000	Excellent
Fourth Year 2021/2022			
Functional analysis	117	150	Very Good
Operations research	134	150	Excellent
Special functions	100	100	Excellent
Database	173	200	Excellent
Multimedia	175	200	Excellent
Prophet Mohamed's Tradition	85	100	Excellent
Graph theory	130	150	Excellent
Coding	138	150	Excellent
System analysis and design	180	200	Excellent
Artificial intelligence	126	150	Very Good
Operating systems	141	150	Excellent
Holy Quran	94	100	Excellent
General Grade	1593	1800	Excellent

Date of graduation: May 2022.

Grade: Excellent "With Honour Degree"

Degree awarded: B.Sc. From the Department of Mathematics, Section Pure Mathematics and Computer Science

Total marks for all study years are 5895 out of 6700. Total percentage 87.99%

REGISTRAR

Mohamed Khattab



u/f

