



0096225

COMSATS University Islamabad

TRANSCRIPT

Date: **15-Mar-2023**

Certified that **MUHAMMAD KASHIF RASHID** s/o **DR ABDUR RASHID** Registration No. **CHT/SP19-BSM-030/ISB** Department of **Mathematics** has completed and passed all the requisite courses / examinations for the degree of **Bachelor of Science in Mathematics**, on **10th February 2023**, taught as a **Regular Mode** of study from **Islamabad Campus**.
Date of Birth : **06-Aug-2002**



The details of the courses passed are as follows:

Course Code	Semester / Course Title	Cr.	LG	CP	Course Code	Semester / Course Title	Cr.	LG	CP
Spring 2019					Spring 2021				
CSC101	Introduction to Computing	3	C	6.0	MTH321	Real Analysis I	3	B+	9.9
HUM100 *	English Comprehension and Composition	3	D	3.9	MTH375	Numerical Computations	3	B	9.0
HUM110	Islamic Studies	3	B	9.0	MTH376	Mechanics II	3	B-	8.1
MTH101	Calculus I	3	B	9.0	MTH382	Analytical Dynamics	3	C+	6.9
MTH112	Set Theory and Logic	3	C	6.0	STA365	Mathematical Statistics	3	A-	11.1
MTH231	Linear Algebra	3	B	9.0					
Fall 2019					Fall 2021				
CSC141	Introduction to Computer Programming	4	B	12.0	HUM100	English Comprehension and Composition (Improved)	3	B-	8.1
HUM103	Communication Skills	3	B-	8.1	MTH322	Real Analysis II	3	C	6.0
HUM434	Chinese	3	A-	11.1	MTH324	Complex Analysis	3	C+	6.9
MTH101	Calculus II	3	B	9.0	MTH327	Functional Analysis	3	C-	5.1
MTH211	Discrete Mathematics	3	B-	8.1	MTH352	Differential Geometry	3	C+	6.9
PHY122	Electricity and Magnetism	3	A-	11.1	MTH435 *	Analytical Number Theory	3	D	3.9
Spring 2020					Spring 2022				
CSC111	Algorithms	3	A	12.0	MTH423	Advanced Complex Analysis	3	B+	9.9
HUM102	Report Writing Skills	3	B	9.0	MTH435	Analytical Number Theory (Improved)	3	B-	8.1
HUM221	International Relations	3	B-	8.1	MTH471	Integral Equations	3	B	9.0
MTH203	Calculus III	3	B+	9.9	MTH486 *	Fluid Mechanics	3	F	0.0
MTH232	Abstract Algebra	3	B	9.0	MTH494	Sampling and Design Analysis	3	D	3.9
MTH241	Ordinary Differential Equations	3	A-	11.1	MTH499 *	Project Report	3	IP	0.0
Fall 2020					Fall 2022				
HUM111	Pakistan Studies	3	A-	11.1	MTH344	Special Functions	3	B	9.0
MTH251	Set Topology	3	B-	8.1	MTH463	Numerical Solutions of Ordinary Differential Equations	3	A	12.0
MTH281	Mechanics I	3	A-	11.1	MTH475	Introduction to Combinatorics	3	B-	8.1
MTH282	Tensor Analysis	3	A-	11.1	MTH485	Calculus of Variation	3	C+	6.9
MTH343	Partial Differential Equations	3	B-	8.1	MTH493	Elements of Electromagnetic Theory	3	B+	9.9
MTH480	Introductory Quantum Mechanics	3	B+	9.9	MTH499	Project Report	6	A	24.0

Total Credit Hours Registered: **145**
* Discounted Credit Hours: **12**
Net Credit Hours Passed: **133**
Total CP: **395.7**
CGPA: **2.98**


Controller of Examinations

Errors/Omissions Excepted

(Please Turn Over)

EXPLANATORY NOTES

1. The following explanations are to assist the reader with the interpretation of the transcript.
2. The Academic year normally comprises two regular semesters i.e. (16 weeks each) and summer session (8 weeks).
3. English is the medium of instruction.

4. **Legend**

Cr.	Credit of Courses
GP	Grade Point
L.G.	Letter Grade
CGPA	Cumulative Grade Point Average
NC	Non Credit
WD	Withdrawal
*IP	In Progress

*Awarded in the first semester (generally of split semester course) and/or subsequent semesters if the performance of the student was satisfactory. Has no grading and/or credit value for result calculation purpose.

5. **Credit Value Definition**

A course of one credit represents one hour of lecture / three hours laboratory work per week, per semester.

6. **Discounted Credit Hours**

In case of course is repeated due to failure or improvement, its credit hours are counted only once, hence the term "discounted credit hours"

7. **Marks**

- a. Each course carries 100 marks of which 50% are reserved for sessionals, quizzes, assignments, practicals & 50% marks for the terminal examinations.
- b. Minimum pass marks in each course are 50%.

8. **Grading System**

(Marks %)	(Letter Grade)	(Grade Points)
90 & Above	A (Superior / Excellent)	4.0
85 - 89	A-	3.7
80 - 84	B+	3.3
75 - 79	B (Above Average / Good)	3.0
70 - 74	B-	2.7
65 - 69	C+	2.3
60 - 64	C (Competent Average)	2.0
55 - 59	C-	1.7
50 - 54	D (Minimum Passing)	1.3
Less than 50	F (Fail)	0.0

Note: This Transcript is issued without alteration or erasure.

Prepared By: 

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