Name of Student: **Muhammad Ali**

Date of Birth: **00 January 1900**

Father's Name: **Abid Hussain**

Enrollment No: **103**

Type of Enrollment: **Full**   **Section:** **C**

Mode of Study: **Regular**   **Session:** **2022-26**

Semester I	FALL-November 2022 to April 2023					
Code	Course Name	% Marks	Grade	Value	CH	GP
CS 3101	Fundamentals of Computers	88	A	4	3	12.0
CS 3102	Calculus and Analytical Geometry	84	B	3.9	3	11.7
CS 3103	Probability and Statistics	74	B	3.2	3	9.6
CS 3104	Functional English	81	B	3.6	3	10.8
CS 3105	Programming Fundamentals	64	C	2.4	4	9.6
Semester	GP: 53.7	CH: 16		GPA 3.36		
Composite	CGP 53.7	CH: 16		CGPA 3.36	Grade: B	

Semester 2	SPRING-February 2022 to June 2022					
Code	Course Name	% Marks	Grade	Value	CH	GP
CS3201	Multivariate Calculus	94	A	4	3	12.0
CS3202	Discrete Structures	90	A	4	3	12.0
CS3203	Pakistan Studies / Islamic Studies	75	B	3.2	3	9.6
CS3204	Object Oriented Programming	75	B	3.2	4	12.8
CS3205	Digital Logic Design	82	B	3.7	3	11.1
Semester	GP: 57.5	CH: 16		GPA 3.59		
Composite	CGP 111.2	CH: 32		CGPA 3.48	Grade: B	

Semester 3	FALL-September 2022 to January 2023					
Code	Course Name	% Marks	Grade	Value	CH	GP
MATH-432	Computation in MATLAB	86	A	4	3	12.0
CS4301	Data Structures and Algorithms	73	B	3.1	4	12.4
CS4302	Communication Skills	93	A	4	3	12.0
CS4303	Data Communication	89	A	4	3	12.0
CS4304	Linear Algebra	85	A	4	3	12.0
CS4305	Artificial Intelligence	82	B	3.7	3	11.1
Semester	GP: 71.5	CH: 19		GPA 3.76		
Composite	CGP 182.7	CH: 51		CGPA 3.58	Grade: B	

Semester 4	SPRING-February 2023 to June 2023					
Code	Course Name	% Marks	Grade	Value	CH	GP
CS4401	Database Systems	76	B	3.3	4	13.2
CS4402	Operating Systems	89	A	4	4	16.0
CS4403	Computer Networks	90	A	4	3	12.0
CS4404	Theory of Automata	86	A	4	3	12.0
CS4405	Web Technologies	82	B	3.7	4	14.8
Semester	GP 68.0	CH: 18		GPA 3.78		
Composite	CGP 250.7	CH: 69		CGPA 3.63	Grade: B	

Semester 5	FALL-September 2023 to January 2024					
Code	Course Name	% Marks	Grade	Value	CH	GP
CS5501	Design and Analysis of Algorithms	86	A	4	3	12.0
CS5502	Object Oriented Analysis and Design	90	A	4	3	12.0
CS5503	Advanced Programming	85	A	4	4	16.0
CS5504	Information Security	82	B	3.7	3	11.1
BES-475	Geographic Information System	95	A	4	3	12.0
Semester	GP: 63.1	CH: 16		GPA 3.94		
Composite	CGP: 313.8	CH: 85		CGPA 3.69	Grade: B	

CHAIRMAN