



Bahauddin Zakariya University, Multan (Pakistan)

Controller of Examination

TRANSCRIPT

BS Computer Science

Session : 2019-2023

Name: Muhammad Talha
Father's Name: Muhammad Yaqoob

Roll No.: BSCLA-19-617
Registration No.: 2019-ZCS-LHC-725

Cr.#	Course Title	GPA	Gr.	Cr.
Semester: I				
BTS-103	CALCULUS AND ANALYTICAL GEOMETRY	4.00	A	3
CS-101	INTRODUCTION TO COMPUTING	3.10	B	4
CS-301	PROGRAMMING FUNDAMENTALS	3.50	B	4
ENG-104	ENGLISH-1 FUNCTIONAL ENGLISH	4.00	A	3
MG-311	PSYCHOLOGY	4.00	A	3
TSS-134	ISLAMIC AND PAKISTAN STUDIES	3.50	B	3

Semester GPA 3.55 B

Semester: III				
CS-203	DATA STRUCTURE AND ALGORITHMS	2.80	C	4
CS-304	DIGITAL LOGIC DESIGN	3.30	B	3
EG-110	TECHNICAL & REPORT WRITING (ENGLISH-III)	3.40	B	3
EL-207	BASIC ELECTRONICS	4.00	A	3
MATH-501	LINEAR ALGEBRA	3.70	B	3
MG-312	HUMAN RESOURCE MANAGEMENT	3.10	B	3

Semester GPA 3.33 B

Semester: V				
CS-152	FINANCIAL ACCOUNTING	3.20	B	3
CS-305	THEORY OF AUTOMATA AS FORMAL LANGUAGE	2.10	C	3
CS-307	COMPUTER INTERACTION	4.00	A	3
CS-308	HUMAN COMPUTER INTERACTION	2.70	C	3
CS-309	WEB ENGINEERING	4.00	A	3
CS-402	COMPUTER COMMUNICATION & NETWORKS	3.10	B	3

Semester GPA 3.08 B

Semester: VII				
CS-308	COMPUTER GRAPHICS	3.10	B	3
CS-409	ARTIFICIAL INTELLIGENCE	2.50	A	3
IT-405	NETWORK SECURITY	3.50	B	3
MG-202	FINANCIAL MANAGEMENT	2.20	C	3

Semester GPA 2.58 C

Course Result Completed on: 07-Aug-2023

Cr.#	Course Title	GPA	Gr.	Cr.
Semester: II				
CS-102	DISCRETE STRUCTURE	3.10	B	3
CS-104	OBJECT ORIENTED PROGRAMMING	4.00	A	4
ENG-204	ENGLISH-II (COMMUNICATION SKILLS)	3.10	B	3
MT-108	PROBABILITY AND STATISTICS	3.30	B	3
SS-212	ECONOMICS	3.10	B	3
ST-106	MULTIVARIABLE CALCULUS	2.50	C	3

Semester GPA 3.35 B

Semester: IV				
BS-212	MARKETING	2.80	C	3
CS-206	INTRODUCTION TO SOFTWARE ENGINEERING	3.90	B	3
CS-208	COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE	2.50	C	3
CS-401	OPERATION SYSTEM	3.40	B	3
CS-403	INTRODUCTION TO DATABASE SYSTEMS	2.70	C	3
ST-210	DIFFERENTIAL EQUATIONS	4.00	A	3

Semester GPA 3.22 B

Semester: VI				
CS-302	VISUAL PROGRAMMING (LAB)	3.00	B	3
CS-302	COMPILER CONSTRUCTION	4.00	A	3
CS-304	DESIGN & ANALYSIS OF ALGORITHM	3.00	B	3
CS-305	NUMERICAL COMPUTATION	4.00	A	3
CS-308	WIRELESS NETWORK	2.70	C	3
CS-310	ADVANCE JAVA	3.60	B	3

Semester GPA 3.30 B

Semester: VIII				
CS-402	PROFESSIONAL PRACTICE	3.70	B	3
CS-406	IT PROJECT	3.30	B	6
CS-309	WEB ENGINEERING-II	3.50	B	3

Semester GPA 3.20 B

CGPA 3.45/4.00 Grade: B

GPA = Grade Point Average CGPA = Cumulative Grade Point Average [r]=Course Repeated C/W = Course Withdrawn
Gr = Grade Cr = Credit Hour

Ready Reckoner is given overleaf


Assistant Controller of Examinations
For Controller



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27 JUN 2025

Checked by Shabbir Ahmad
Private Secretary *Sh*



Attested
Muhammad Jamal
Attestation Officer
21 MAY 2025
Higher Education Commission
Government of Pakistan
Islamabad

