



COMSATS University Islamabad, Lahore Campus

Assignment 2 – SPRING 2024

Course Title:	Data Structures & Algorithms	Course Code:	CSC 211	Credit Hours:	4(3,1)
Course Instructor:	Moazzam Ali Sahi	Program Name:	BCE		
Semester:	4 th	Batch:	FA22	Section:	A & B
				Date Given:	April 5, 2024
Submission Date:	April 17, 2024	Maximum Marks:			40
Name:		Registration Number:			

Important Instructions / Guidelines:

- *Please add this page on your Assignment*
- **Do your own work, PLAGARISM will be graded as ZERO**
- **No late submission.**

Question 1: [CLO1-PLO1-C2] [10 + 10 Marks]

Convert the following infix expressions to postfix and prefix notations using Stack .Verify your answers with solving the infix expressions manually as well.

a) $K + L - M * N + (O^P) * W / U / V * T + Q$

Question 2: [CLO1-PLO1-C2] [10 +10 Marks]

Convert the postfix and prefix expressions converted in Question 1 to infix expression. (Hint: you need to follow the expression evaluation technique for this conversion)

End of Assignment