MATC44 - Fall 2025
Assignment 5 - Solutions

Due: November 27, 2025

Instructions: You may collaborate with your peers (and professor) on homework problems related to the course, however, you must write up your own solutions independently. Generative AI tools are not permitted for solving or drafting any part of an assignment. Full credit requires correct solutions with complete justification (e.g., a proof, logical argument or counter-example).

Q1 (5 marks)

Let G be the simple graph drawn below.

