**COMP5423 Natural Language Processing**

Text Classification and Ranking

Due: Tuesday, 11 February, 2025

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NOTE: Please submit your answers to Blackboard by due time.

Question 1:

Chinese word segmentation can be cast to a binary or multi-class classification problem. Do you have any idea how to apply a typical classification model to segment an input Chinese sentence into a sequence of words?