CSCI 3313

January 30, 2025

## Quiz 3

Name:

For each of the following languages over  $\Sigma = \{a, b\}$ , give two strings that are in the language and two strings not in the language.

1.  $a^* \cup b^*$ 

 $2. \ (aa \cup bb)^*$ 

3.  $\Sigma^* a \Sigma^* b \Sigma^* a \Sigma^*$