QUIZ NUMBER SEVEN FOR MTH 213

AYMAN BADAWI

Name————————————, Id. Num.————————————————-, Score $\overline{10}$

QUESTION 1. *Which of the following is a BI-PARTITE GRAPH...*
C_{11}, W_6, W_5, C_{22}, K_6, $K_{4,7}$, Q_3.

QUESTION 2. *Is it possible to construct a Multi-graph with 5 vertices having degrees: 2, 3, 5, 4, 3? If yes (USE THE BACK to construct). IF NO, STATE A ONE STATEMENT REASON.*

QUESTION 3. *Construct a graph with 4 vertices having degrees: 4, 2, 2, 2.*

QUESTION 4. *In Q_4, How many EDGES are there? FIND all VERTICES that are adjacent to* 0101.