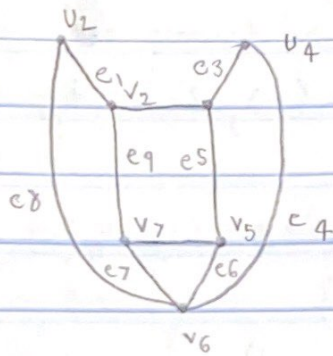


1.4

7)



9)

For each graph in 8 and 9:

(i) $V_1: e_2, e_7$

(ii) $V_3: v_2, v_1$

(iii) $e_1: e_2, e_7$

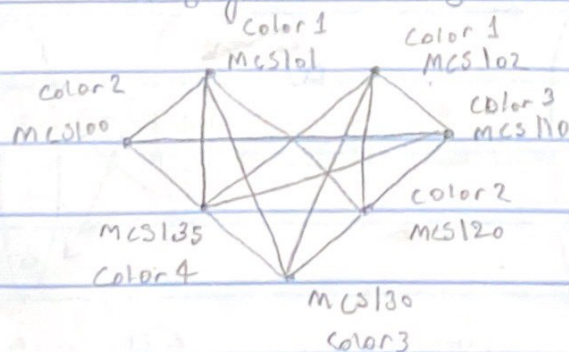
(iv) all loops: e_1, e_3

(v) parallel edges: e_4, e_5 are parallel

(vi) isolated vertices: v_4

(vii) degrees of $V_3: 6$

17)



* This result shows that you could have each course be taken by a student with the courses directly being connected or having a student take more than one exam on any given day.