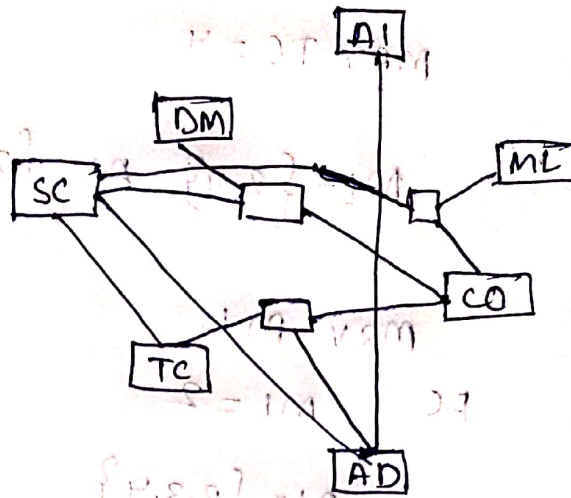Question 1:-

PART:-A

PART-B

~ MRV DM = 1

FC

$SC = \{2,3,4\}$ $CO\{2,3,4\}$

DH SC degree 4

SC = 2

FC

$TC = \{1,2,3,4\}$ $CO = \{3,4\}$ $AD = \{1,3,4\}$ $ML = \{2,3,4\}$

MRV   CO = 3

FC.

$TC = \{1,4\}$ $ML = \{2,4\}$ $AD = \{1,4\}$.

DH   AD degree 3

Fc $\qquad$ AD = 1

TC = {4}   ML = {2,4}   AI = {2,3,4}

MRV TC = 4

FC

ML = {2,4}   AI = {2,3,4}

MRV ML

FC   ML = 2

AI = {2,3,4}

AI = 2

DM	SC	CO	AD	TC	ML	AI
1	2	3	1	4	2	2