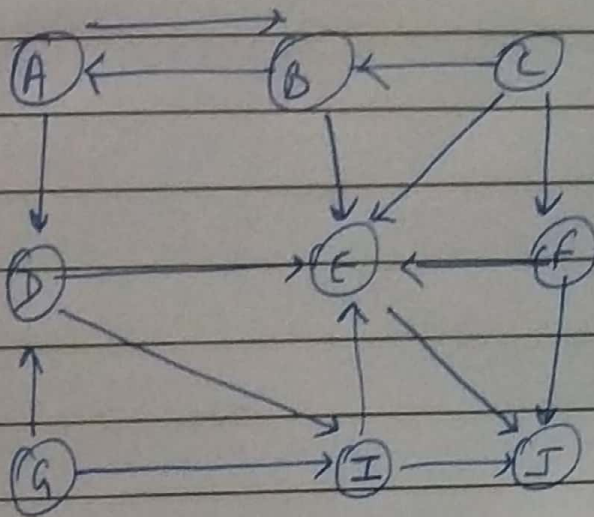


Q1- BFS and DFS Traversals:

15/04/20

pg 1



~~Sangeer~~
Sangeer K. Singh
B4
Assignment-2

DFS traversal on stack traversal

A B E J D I C F G

Stack traversal

G_{9,11}

F_{8,9}

C_{7,10}

I_{6,5}

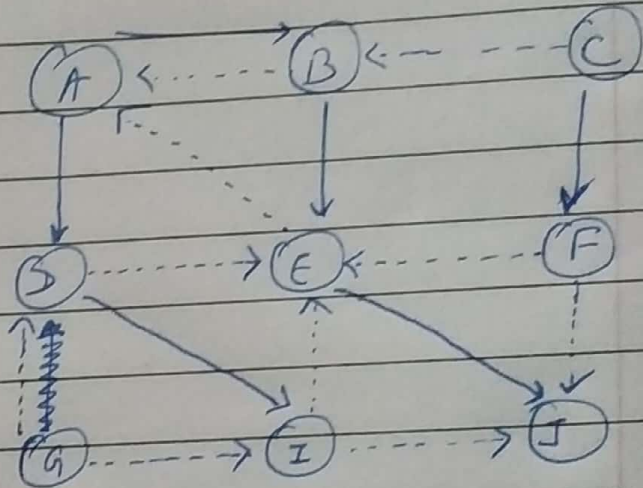
D_{5,6}

J_{4,1}

E_{3,2}

B_{2,3}

A_{1,7}



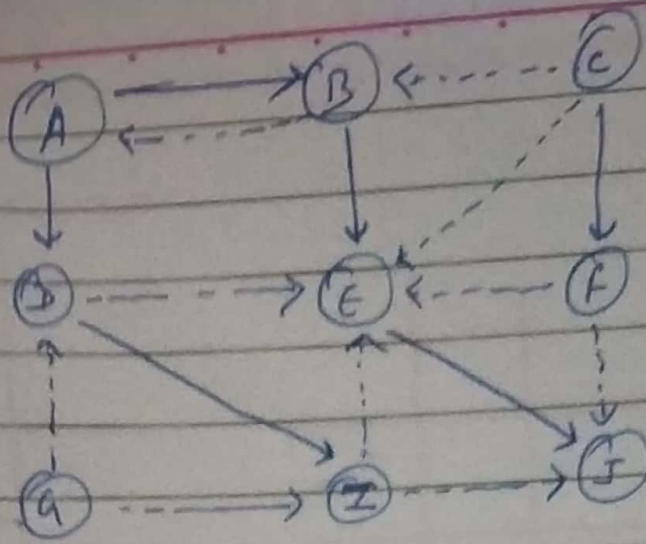
BFS traversal:

A B D E I J C F G

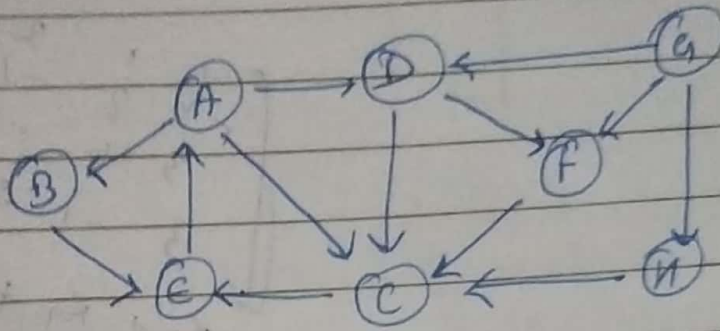
Queue traversal

A₁ B₂ D₃ E₄ I₅ J₆ C₇ F₈ G₉

pg 2



(Q2)



DFS traversal

H 8, 7

G 7, 8

F 6, 4

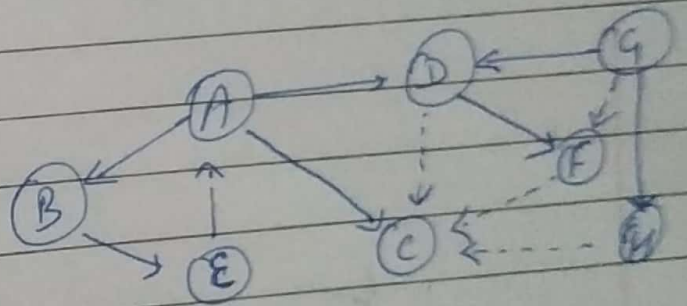
D 5, 5

C 4, 2

E 3, 1

B 2, 3

A 1, 6



BFS

A₁ B₂ C₃ D₄ E₅ F₆ G₇ H₈

