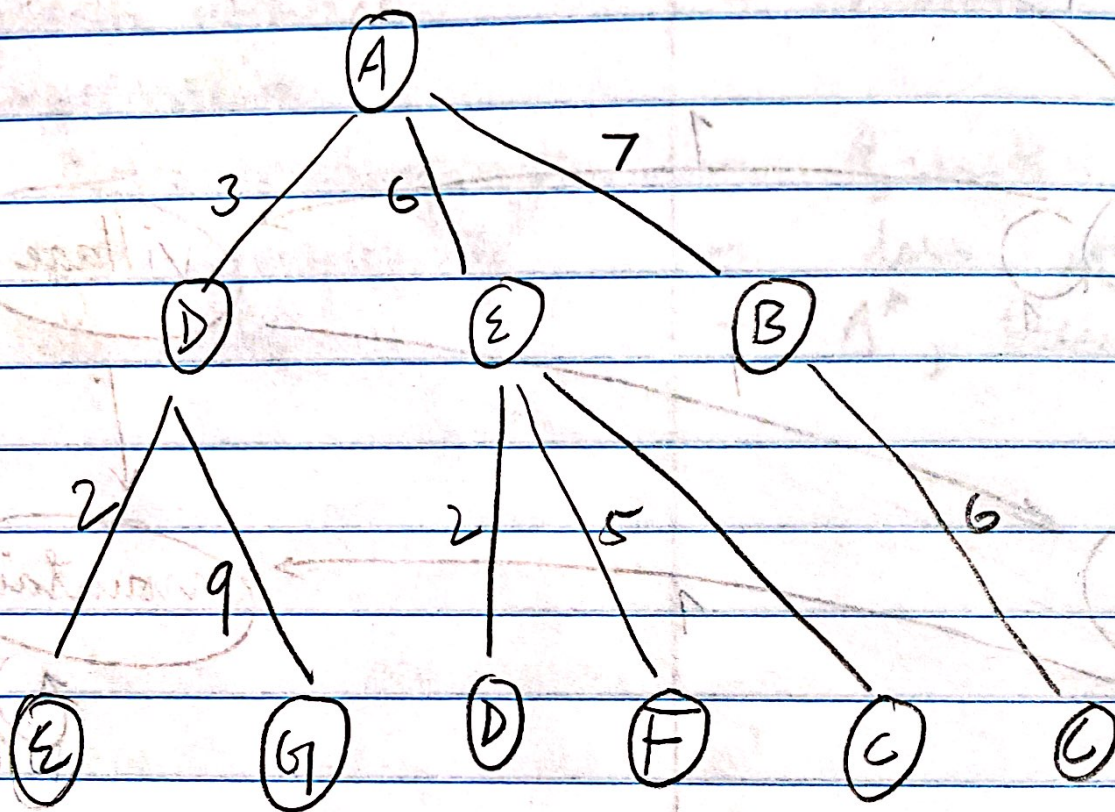


Task 2

Breadth First Search (BFS)



BFS: A D E D E G

A = (root) / 1

E = (children) / 2

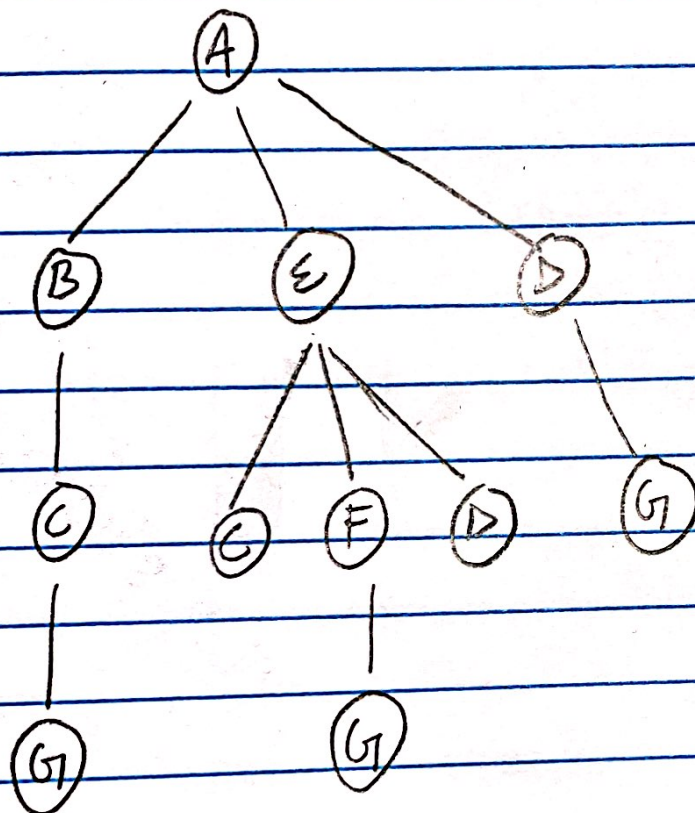
S = (all nodes) / 3

I = (known) / 4

O = (unknown) / 5

Task 2

Iterative Deepening Search (IDS)



level

0

A

1

A B E D

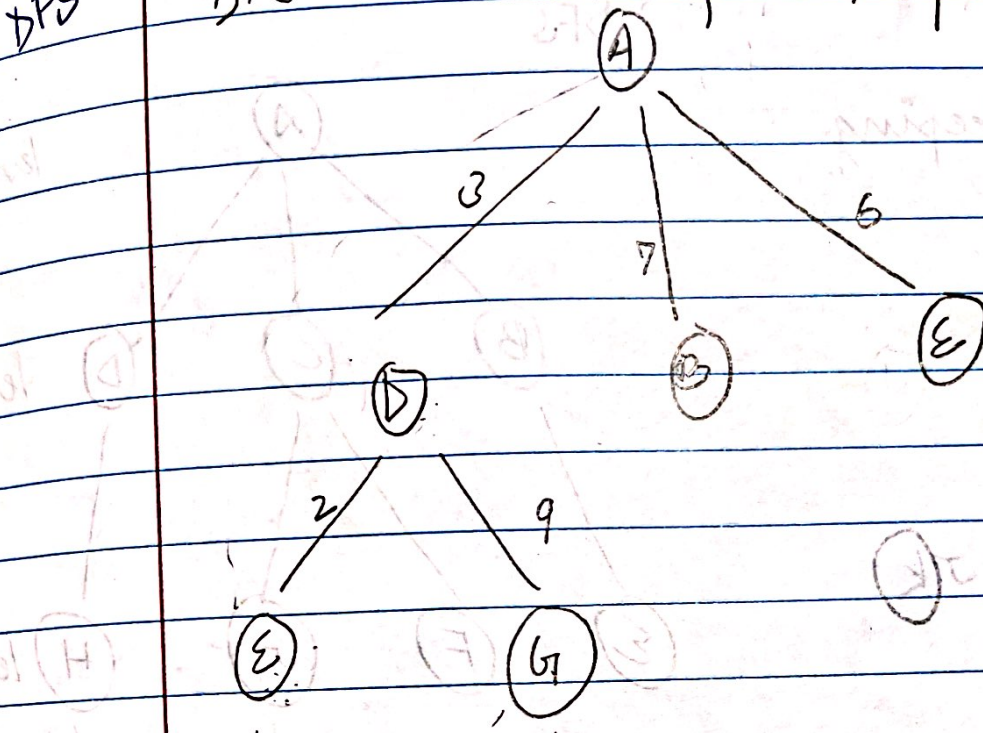
2

A B C E F D G

Task 2

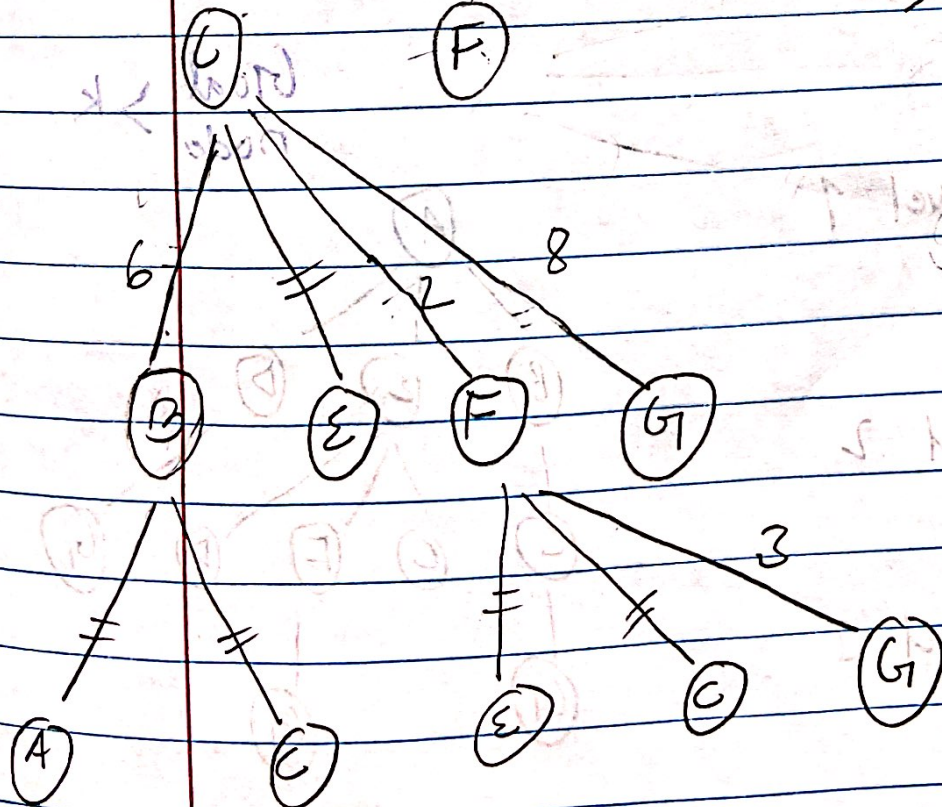
DFS

DFS : A, D, E, C, F, G



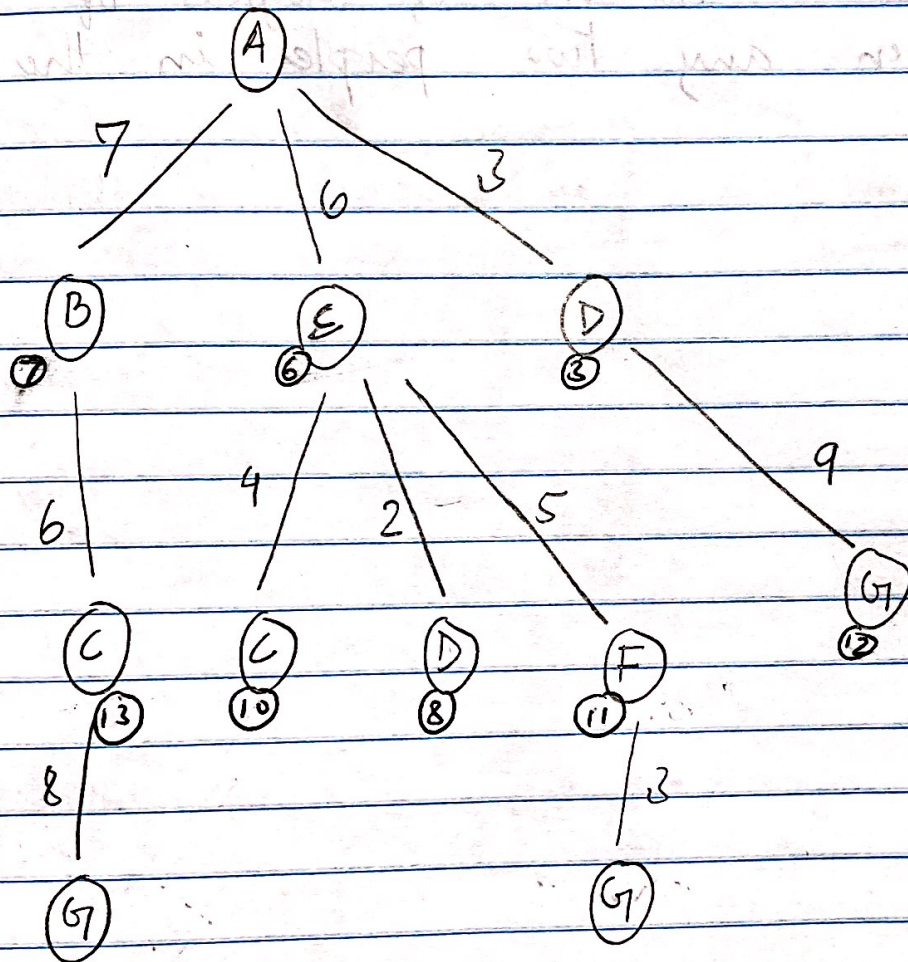
Depth First Search

DFS: A D E C F G



Task 2

Uniform Cost Search (UCS)



UCS = A(0), B(7), E(6), D(3), C(10), F(11), G(12)