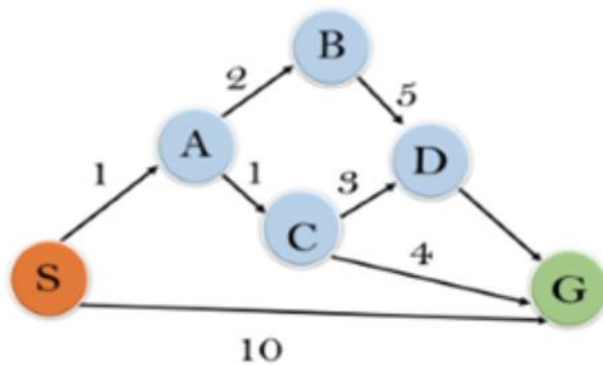


## A Batch

### Set 1

- a) For the given graph, Give the depth first search traversal starting from vertex S to reach G
- b) Trace the A\* algorithm to reach G from S, using the heuristics given



State	$h(n)$
S	5
A	3
B	4
C	2
D	6
G	0

### Set 2

- a) For the given graph, Give the depth first search traversal starting from vertex A to reach G
- b) Trace the A\* algorithm to reach G from A, using the heuristics given

