1.

Algorithim	Time Complexity	Space Complexity	Complete	Optimal
BFS	O(V + E)	O(V)	Yes	Yes only if all of the costs are equal
UCS	O(b^d)	O(b^d)	Yes	Yes as long as costs are non negative
DFS	O(V + E)	O(V)	No	No
DLS	O(b^l)	O(bl)	No	No
IDS	O(b^d)	O(bd)	Yes	Yes, only if costs are equal
A*	O(b^d)	O(b^d)	Yes	Yes