

10. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right
11. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right -> Left, Right, Right
12. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right -> Left, Right, Right -> Down, Down, Right
13. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right -> Left, Right, Right -> Down, Down, Right -> Down
14. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right -> Left, Right, Right -> Down, Down, Right -> Down -> Left, Down, Right
15. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right -> Left, Right, Right -> Down, Down, Right -> Down -> Left, Down, Right -> Down, Right, Down
16. **Start** -> Up, Right -> Up, Right -> Up -> Up -> Up -> Up, Right -> Right -> Right -> Right -> Down, Right -> Down, Right, Right -> Left, Right, Right -> Down, Down, Right -> Down -> Left, Down, Right -> Down, Right, Down -> **Goal**

Answer (b)

By running Depth First Search (DFS) from the Start node we get:

1. **Start** -> Up, Right
2. **Start** -> Up -> Up
3. **Start** -> Up -> Up -> Up
4. **Start** -> Up -> Up -> Up -> Up

5. **Start** -> Up -> Up -> Up -> Up -> Up, Right
6. **Start** -> Up -> Up -> Up -> Up -> Up -> Right
7. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right
8. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right
9. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down, Right
10. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down, Right
11. **1Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down -> Right, Left
12. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down -> Right -> Down, Right
13. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down -> Right -> Down -> Down
14. **1Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down -> Right -> Down -> Down -> Right, Left
15. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down -> Right -> Down -> Down -> Right -> Right, Down
16. **Start** -> Up -> Up -> Up -> Up -> Up -> Right -> Right -> Right -> Down -> Down -> Right -> Down -> Down -> Right -> Right -> **Goal**

Answer (c)