**TITLE: Traveling Salesman Problem (TSP)**

1. Mr iyer is a salesman with Delite Manufacturing Company. He wants to visit six cities say, 1, 2, 3, 4, 5 and 6, starting with city 1 where he is stationed. The distance between various cities is given in the Table below. Mr Iyer wants to develop a tour through the five other cities and return to his home city in such a way that he has to travel the minimum distance.

