```
USN:1BM22CS061 NAME:AYMAN AMJAD
Generation 1, Best Value: 79
Generation 2, Best Value: 78
Generation 3, Best Value: 78
Generation 4, Best Value: 80
Generation 5, Best Value: 79
Generation 6, Best Value: 78
Generation 7, Best Value: 79
Generation 8, Best Value: 79
Generation 9, Best Value: 77
Generation 10, Best Value: 80
Generation 11, Best Value: 79
Generation 12, Best Value: 79
Generation 13, Best Value: 77
Generation 14, Best Value: 78
Generation 15, Best Value: 80
Generation 16, Best Value: 77
Generation 17, Best Value: 80
Generation 18, Best Value: 79
Generation 19, Best Value: 78
Generation 20, Best Value: 80
Generation 21, Best Value: 82
Generation 22, Best Value: 80
Generation 23, Best Value: 78
Generation 24, Best Value: 79
Generation 25, Best Value: 79
Generation 26, Best Value: 78
Generation 27, Best Value: 81
Generation 28, Best Value: 80
Generation 29, Best Value: 79
Generation 30, Best Value: 79
Generation 31, Best Value: 78
Generation 32, Best Value: 79
Generation 33, Best Value: 79
Generation 34, Best Value: 82
Generation 35, Best Value: 79
Generation 36, Best Value: 78
Generation 37, Best Value: 77
Generation 38, Best Value: 79
Generation 39, Best Value: 78
Generation 40, Best Value: 78
Generation 41, Best Value: 77
Generation 42, Best Value: 79
Generation 43, Best Value: 79
Generation 44, Best Value: 80
Generation 45, Best Value: 78
Generation 46, Best Value: 80
Generation 47, Best Value: 79
Generation 48, Best Value: 79
Generation 49, Best Value: 80
Generation 50, Best Value: 77
Best Solution (Items selected): [0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]
Best Value (Maximum profit): 77
```