Quiz On Ford Fulkerson Algorithm

1. What does Maximum flow problem involve?
   a) finding a flow between source and sink that is maximum
   b) finding a flow between source and sink that is minimum
   c) finding the shortest path between source and sink
   d) computing a minimum spanning tree

   Solution : A

2. Does Ford- Fulkerson algorithm use the idea of?
   a) Naïve greedy algorithm approach
   b) Residual graphs
   c) Minimum cut
   d) Minimum spanning tree

   Solution : B

3. Given a flow network, let f be any flow and let (A,B) be any cut. Then, the net flow across (A,B) is _____ the value of f.

   A)less than
   b) greater than
   c) equal to
   d) not related to

   Solution: C