Graph
For the DAG (directed acyclic graph) shown below compute the following.
1. Shortest distance from vertex ‘E’ to every other vertex using Dijkstra’s algorithm.
2. Topological sort the vertices in the graph.
3. Compute shortest distance from vertex ‘B’ using shortest path algorithm for DAGs.
In each case show the computation.
Assume that the vertices are listed in alphabetical order in each adjacency list.