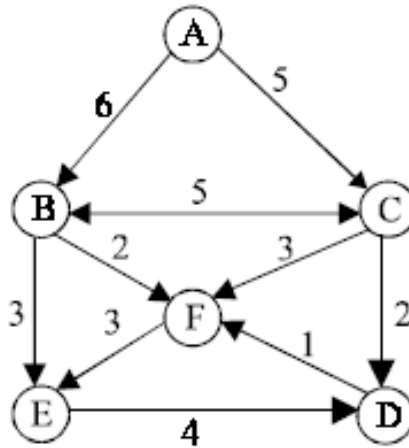**CT-5102: Data Structure and Algorithm**
**Homework Assignment 3**
**Deadline: 11/11/2020**
**Total Mark: 10**



- **Modify DIJKSTRA'S algorithm to find the longest path of a graph. Show the algorithm in the report.**
- **Implement your algorithm.**
- **Run your program for the above graph and 'A' as the source. Show the output graph in the report.**
- **Submit a ZIP file with all the codes and report**
- **COPYING CODE AND REPORT FROM ANYONE ELSE IS STRICTLY PROHIBITED. IF PLAGIARISM IS DETECTED, BOTH STUDENTS WILL GET ZERO.**