**Quiz # 2: Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: 29/06/2019**

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**A router is a networking device that forwards data packets between computer networks. Routers perform the traffic directing functions on the Internet. Consider Following Network; Given Routers with Unique IDs given as Router name. The Value on Edge shows the bandwidth available between Router X and Router Y. You have to apply Uniform Cost Search to find best single path to deliver data of 2 GB as fast as possible (minimum possible time) from source router “Router A” to destination router “Router G”. Consider Routers having huge Buffer for packet storing and forwarding. Show all steps of uniform cost search.**

