



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

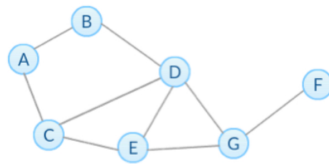
Module 3 Quiz

LATEST SUBMISSION GRADE

100%

1. Based on the network below, what is the degree centrality of node D?

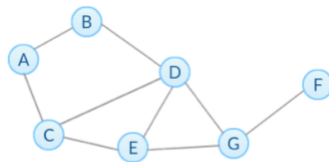
1 / 1 point



✓ Correct

2. Based on the network below, what is the closeness centrality of node G?

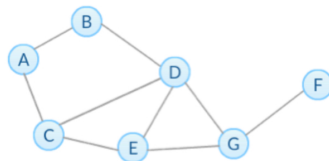
1 / 1 point



✓ Correct

3. Based on the network below, what is the normalized betweenness centrality (excluding endpoints) of node G?

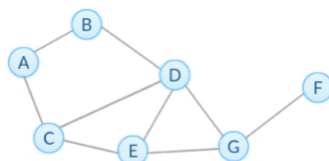
1 / 1 point



✓ Correct

4. Based on the network below, what is the betweenness centrality without normalization of edge (G,F)?

1 / 1 point



✓ Correct

5. Select all True statements.

1 / 1 point

✓ Correct

6. Select all True statements about Page Rank (PR) and HITS in directed networks.

1 / 1 point

✓ Correct

7. Given the network below, which value of alpha (damping parameter) listed below in the NetworkX function pagerank maximizes the PageRank of node D?

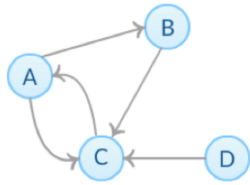
1 / 1 point



✓ Correct

8. Based on the network below, what is the basic PR of node C at step $k = 1$?

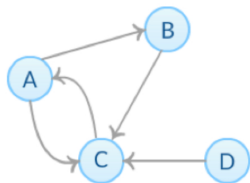
1 / 1 point



✓ Correct

9. Based on the network below, what are the corresponding normalized authority and hub scores of node C correspondingly after two iterations of HITS algorithm?

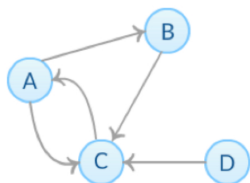
1 / 1 point



✓ Correct

10. Based on the network below, which of the following is NOT True? Check all that apply.

1 / 1 point



✓ Correct