

Class Review (09/08/2021)

1. State the definition of the vertex, edge, and dyad.

2. State the definition of the undirected and directed networks and calculate total number of dyads for undirected and directed networks that consists of n nodes.

3. Explain the clustering and assortativity coefficients.

4. Explain the Erdos-Renyi Model

5. Explain the concept of the adjacency matrix.

6. Explain the meaning of geodesic distance.

7. Explain the complete, regular, tree, and k -star graphs.