

Office Systems & Technology  
Chapter 3 – C

1. C - Bus Topology
  2. F - Centralized Computing
  3. O - Client / Server Computing
  4. E - Digitizing
  5. M - Distributed Computing
  6. D - Enterprise Network
  7. G - Global Network
  8. K - Local Area Network
  9. H - Metropolitan Area Network
  10. I - Network Topology
  11. L - Peer-to-Peer Computing
  12. N - Ring Topology
  13. A - Star Topology
  14. J - Value-added Network
  15. P - Virtual Private Network
  16. B - Wide Area Network
- A. All transactions are processed through the central CPU before being routed to the appropriate network device.
  - B. Combination of public or private lines, microwave or satellite transmission for long-distance communications between two or more LANs.
  - C. Communication channel attaches all peripheral devices.
  - D. Connects distributed networks of a single organization into one single network.
  - E. Converting data into digital information called bits.
  - F. Data processed in large centralized computers with users entering data from local input devices.
  - G. Includes the networks of several organizations internationally.
  - H. Limited to a small geographic area, connecting LANs with fiber optic cable to provide an organization with high-speed data transmission.
  - I. Network configuration used in local area and wide area telecommunications network; three basic configurations are bus, star and ring.
  - J. Private multimedia, multipath, third-party managed, medium-speed WAN.
  - K. Private network that supports communications within an office, building or firm.
  - L. Puts all processing power on the user's desktop PC.
  - M. Two widely used models are peer-to-peer and client/server computing.
  - N. Unidirectional transmission line forming a closed path links the CPUs at the remote locations.
  - O. Uses a microcomputer, mid-range computer or mainframe as a server to its clients.
  - P. Uses network firewalls and other measures to establish a secure network when the Internet is the network backbone.