

**CHAPTER 1: DATA COMMUNICATIONS, DATA NETWORKS,
AND THE INTERNET**

TRUE OR FALSE

1. T
2. F
3. T
4. T
5. T
6. F
7. T
8. T
9. F
10. T
11. F
12. T
13. F
14. F
15. T

MULTIPLE CHOICE

1. A
2. A
3. B
4. B
5. A
6. D
7. D
8. A
9. B
10. C
11. C
12. C
13. C
14. C
15. A

SHORT ANSWER

1. advances in technology
2. quality of service (QoS)
3. dense wavelength division
4. Convergence
5. extranet
6. transmission system utilization
7. error detection
8. Flow control
9. Compression
10. Wide Area Networks (WANs)
11. asynchronous transfer mode (ATM)
12. Wireless
13. ARPANET
14. internetworking
15. IP address