1 A local area network (LAN) is defined by _____.

- **A)** the geometric size of the network
- **B)** the maximum number of hosts in the network
- **C)** the maximum number of hosts in the network and/or the geometric size of the network
- **D)** the topology of the network

2 The largest geographic area a wide area network (WAN) can span is _____.

- **A)** a town
- **B)** a state
- **C)** a country
- **D)** the world

3 A proposed standard is elevated to _____ standard status after at least two successful tries.

- **A)** informational
- **B)** historic
- **C)** draft
- **D)** None of the choices are correct

4 Which of the following is not one of the components of a data communication system?

- **A)** Message
- **B)** Sender
- **C)** Medium
- **D)** All of the choices are correct

5 Which of the following is not one of the characteristics of a data communication system?

- **A)** Delivery
- **B)** Accuracy
- **C)** Jitter
- **D)** All of the choices are correct

6 Data can flow only in one direction all of the times in a _____ mode.

- **A)** simplex
- **B)** half-duplex
- **C)** full-duplex
- **D)** None of the choices are correct

7 Data can flow only in both direction all of the times in a _____ mode.

- **A)** simplex
- **B)** half-duplex
- **C)** full-duplex
- **D)** None of the choices are correct

8 Which of the following is not one of the network criteria?

- **A)** Performance
- **B)** Reliability
- **C)** Security
- **D)** All of the choices are correct

9 In a _____ communication, the media needs to be shared between devices.

- **A)** point-to-point
- **B)** multipoint
- **C)** mesh
- **D)** None of the choices are correct

10 In a _____ communication, the media is dedicated.

- **A)** point-to-point
- **B)** multipoint
- **C)** mesh
- **D)** None of the choices are correct

11 In a fully connected mesh topology with six computers, we need _____ links.

- **A)** 6
- **B)** 36
- **C)** 15
- **D)** None of the choices are correct

12 In a star topology with six computers, we need _____ links.

- **A)** 6
- **B)** 1
- **C)** 5
- **D)** None of the choices are correct

13 An RFC is labeled _____ if it must be implemented by all Internet systems.

- **A)** required
- **B)** elective
- **C)** recommended
- **D)** None of the choices are correct

14 In the original ARPANET, _____ were directly connected to each other.

- **A)** interface message processors (IMPs)
- **B)** host computers
- **C)** networks
- **D)** routers

15 _____ was formed to connect universities with no defense ties.

- **A)** ARPANET
- **B)** CSNET
- **C)** NSFNET
- **D)** ANSNET

16 Currently _____ is responsible for the management of Internet domain names and addresses.

- **A)** NIC
- **B)** ICANN
- **C)** ISOC
- **D)** IEFE