
CHAPTER 2

The OSI Model and the TCP/IP Protocol Suite

2.1 MULTIPLE-CHOICE QUESTIONS

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|-------|-------|-------|------|------|
| 1. c | 3. d | 5. b | 7. c | 9. a |
| 11. d | 13. a | 15. d | | |

2.2 EXERCISES

- 17.
- a. Network layer
 - b. Data link and transport layers
 - c. Application layer
 - d. Application layer
 - e. Presentation layer
 - f. Network layer
- 19.
- a. Application layer
 - b. Data link and transport layers
 - c. Physical layer
 - d. Data link layer
 - e. Transport layer
21. The equivalent of DNS in the OSI model is Directory Services. DNS maps host names to IP addresses. Directory Services represents and locates objects. It is more general than DNS.
23. There is no such equivalent in the OSI model.
25. There are two protocols in the network layer of the OSI model: Connection-Oriented Network Protocol (CONP) and Connectionless Network Protocol (CLNP).

The former has formal rules for establishment and termination of a connection.
The latter does not.