

# Assignment Questions

1. Question: What is the core of network application development?

- A) Designing physical network cables.
- B) Writing programs that run on different end systems and communicate over the network.
- C) Setting up network routers.
- D) Creating network security protocols.

2. Question: In the example of a web application, what two programs communicate?

- A) The printer program and the application program.
- B) The browser program and the Web server program.
- C) The operating system program and the user program.
- D) The file transfer program and the data storage program.

3. Question: What is the role of a web server in a web application?

- A) To run the browser program.
- B) To run the user's device.
- C) To serve web content to the browser.
- D) To manage the network connections.

4. Question: Where are servers often housed?

A) In home offices.

B) In small businesses.

C) In data centers.

D) In public libraries.

5. Question: Which programming languages are commonly used for application software?

A) Assembly, C++, and Pascal.

B) C, Java, or Python.

C) Fortran, COBOL, and BASIC.

D) C#, PHP, and JavaScript.

6. Question: What is the difference between application architecture and network architecture?

A) Application architecture is fixed, while network architecture is flexible.

B) Application architecture is designed by the developer, while network architecture is fixed.

C) Application architecture is only concerned with user interfaces.

D) Application architecture is only concerned with data storage.

7. Question: What does the text state about the development of network applications?

A) It requires writing software for network-core devices.

B) It enables rapid development and deployment.

C) It requires specialized hardware.

D) It is limited to specific programming languages.

8. Question: What is the purpose of a network architecture?

A) To define the physical layout of the network.

B) To provide specific services to applications.

C) To manage network security.

D) To control network bandwidth.

9. Question: What is the role of a client program?

A) To provide services to other applications.

B) To run on the user's device and request services from a server.

C) To manage network connections.

D) To store data on the network.

10. Question: What is the example given to illustrate the concept of application architecture?

A) The five-layer Internet architecture.

B) The design of a router.

C) A web application with a browser and a web server.

D) The configuration of network switches.