28 Lecture - CS410

Important Mcqs

Question 1:

Which protocol is commonly used for retrieving email from a mail server?

- a) HTTP
- b) SMTP
- c) POP3
- d) UDP

Solution: c) POP3

Question 2:

What does API stand for in the context of network programming?

- a) Application Protocol Interface
- b) Application Program Interface
- c) Automated Programming Interface
- d) Active Protocol Interface

Solution: b) Application Program Interface

Question 3:

In network programming, what does the term "asynchronous" refer to?

- a) Data sent over a network using UDP
- b) Data sent over a network using TCP
- c) Simultaneous execution of multiple tasks without waiting for each to complete
- d) Sequential execution of tasks in a network application

Solution: c) Simultaneous execution of multiple tasks without waiting for each to complete

```
**Question 4:**
```

Which encryption protocol ensures secure communication over a network?

a) HTTP

b) TCP

c) SSL/TLS

d) FTP

Solution: c) SSL/TLS

Question 5:

What is a **RESTful API**?

- a) A protocol for sending emails
- b) A standardized approach for creating and interacting with web services
- c) A method for securing network connections
- d) A type of network topology

Solution: b) A standardized approach for creating and interacting with web services

Question 6:

Which Python library is commonly used for making HTTP requests and interacting with APIs?

a) os

- b) requests
- c) socket
- d) urllib

Solution: b) requests

Question 7:

What does OAuth stand for in the context of network security?

- a) Open Authorization
- b) Online Authentication
- c) Operating Authority

d) Only Access

Solution: a) Open Authorization

Question 8:

Which protocol is used for secure file transfer over a network?

a) HTTP

b) FTP

c) SMTP

d) UDP

Solution: b) FTP

Question 9:

What is a distributed application in network programming?

- a) An application that only works on one computer
- b) An application that is split into separate components that run on different machines
- c) An application that uses UDP exclusively
- d) An application that uses only synchronous programming

Solution: b) An application that is split into separate components that run on different machines

Question 10:

Which protocol is used for real-time communication over the Internet, often used in instant messaging and video conferencing?

a) SMTP

b) HTTP

- c) UDP
- d) XMPP

Solution: d) XMPP