## 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

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**