

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****