In the peer to peer architecture each client plays the role of select one:

a. server

b. client

c. A and B

d. none of the mentioned

for developing network application , you write program for select one:

a. client

b. server

c. network-core devices

d. A and B

if you develop network application to streaming multimedia, what is the internet transport protocol(s) you have to use :

a. SMTP

b. TCP

c. UDP

d. POP3

which of the following is/are network application (s) :

a. E-mail

b. streaming

c. voice over IP

d. all the mentioned

in the peer to peer architecture as the network size increases:

a. the performance increases

b. the performance decreases

c. there is no effect

d. there is more load on the server

the process that waits to be connected is known as :

a. server process

b. client process

c. interposes communication

d. message exchanging

web caching can be used to select one :

a. reduce response time

b. reduce traffic on access link

c. reduces load on the website servers

d. all mentioned

which attribute is used to extend the lifetime af a cookie ?

a. higher-age

b.. max-age

c. increase-age

d. lifetime

which of the following explains cookies nature?

a. nonvolatile

b. volatile

c. intransient

d. transient

the cookie header is set in the header lines lines of select one:

a. Http request message

b. http response message

c. both A & B

d. URL

which of the following is a Boolean cookie attribute?

a. Bool

b. secure

c. lookup

d. domain

SSL provides process to security service , SSL operates at :

a. transport layer

b. application layer

c. data link layer

d. network layer

HTTP , SMTP and POP3 run on top :

a. UDP

b. SSL

c. TCP

d. FTP

if you develop an application that provides a reliable byte-stream between client and server , what is the transport layer protocol you can use ??

a. SSL

b. TCP

c. UDP

d. SMTP

suppose there is exactly one packet switch between a sending host and a receiving host , the transmission rates between the sending host and switch and between the switch and the receiving host are R1 and R2 respectively . assuming that the switch uses store-and-forward packet switching , what is the total end – to- end delay to send a packet of length L? (ignore queuing , propagation delay, and processing delay)

a. L/R1

b. L/R2

c. L/R1 + L/R2

d. L/R1 – L/R2

the HTTP request message is sent in _____ part of three-way handshake.

a. first

b. second

c. third

d. forth

SSL provide process to process security service SSL operates at

a. transport layer

b. Application layer

c. data link layer

d. network layer

suppose you wanted to do transaction from a remote client to server as fast as possible , what is the transport layer protocol you can use ?

a. SSL

b. TCP

c. UDP

d. SMTP

which header is used to indicates when the cookies should no longer be sent to the server

a. Max-age

b .Expire

c. Domain

d. A&B

which of the following directive of cache control header of http response check whether cached response is still good after it becomes stale .

a. freshness

b. validation

c. invalidation

d. modified

the default connection type used by http is

a. persistent

b. non-persistent

c. can be either persistent or non-persistent depending on connection request

d. none of the mentioned

which of the following explains cookies nature?

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which of the following is a Boolean cookie attribute ??

a. Bool

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d. domain

which of the following directive of cache control header of HTTP response indicates that the response can be used without re-checking it on the origin server.
a. freshness
b. validation
c. invalidation
d. modified

one of the major drawbacks of client-server architecture
a. server has permanent IP
b. scalability
c. security
d. data backup

in client-server architecture, the client has
a. permanent IP address
b. dynamic IP address
c. a and b
d. none of the mention

the client process identifies server process
a. IP address of the server
b. port number associated with the server process
c. ip address of the client
d. a & b

the network application architecture(s)
a. client server
b. peer to peer
c. cloud architecture
d. A and B

if you develop email application, what is the internet transport protocols you have to use

a. SMTP

b. TCP

c. UDP

d. POP3

A cache hit occurs when the requested data select

a. can be found on the server

b. can be found found in a cache

c. can be found on another peer

d. B and C

the time taken by a packet to travel from claint to server and then back to the client is called

a. STT

b. RTT

c. PTT

d. JTT

one of the major drawbacks of client-server architecture

a. in case of failute the entire network is down

b. data backup is costly

c. self-scalability

d. security is better as unauthorized access are denied

cookies can be used for

a. authorization

b. shopping carts

c. recommendations

d. all the mentioned

which attribute is used to extend the lifetime of cookie

a. higher-age

b. max-age

c. increase-age

d. lifetime

A user send non-persistent HTTP to request a web page that consists of some text and three images. For this page how many requests the clients send?
a. one request
b. four requests
c. eight requests
d. ten requests

A user send persistent HTTP to request a web page that consists of some text and three images. For this page how many requests the clients send?
a. one request
b. four request
c. eight request
d. five request

one of the advantages of P2P architecture
a. in case of failure , the network still function
b. self-scalability
c. client has permanent IP
d. ALL the mentioned

in client-server architecture, the server has
a. permanent IP address
b. dynamic IP address
c. a and b
d. none of the mention

the process that waits to be contacted is known as
a. server process
b. client process
c. intercrosses communication
d. message exchanging

set-cookies header is set in the header lined of
a. Http request message
b. Http response message
c. both A & B
d. URL

the process that initiates the communication is know as

a. server process

b. client process

c. interposes communication

d. message exchanging