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Marks 17.50/25.00

Grade 70.00 out of 100.00

Question 1

Correct Mark 1.00 out of 1.00

How do you prevent packet-sniffing exploits?

Select one:

- a. Packet plugs
- b. Escape packet
- c. Scan for viruses
- d. Encrypt network communication with SSL ✓

The correct answer is: Encrypt network communication with SSL

Question 2

Incorrect

Mark 0.00 out of 1.00

Teknologi akses internet pada edge network yang memanfaatkan infrastruktur TV kabel adalah:

Select one:

- a. DSL X
- b. Cable network
- c. Ethernet
- d. FTTH

The correct answer is: Cable network

Question 3

Correct

Mark 1.00 out of 1.00

The Internet is a software that interconnects billions of computing devices throughout the world.

Select one:

- True
- False ✓

Correct, the Internet is a computer network that interconnects billions of computing devices throughout the world.

The correct answer is 'False'.

Question 4

Correct

Mark 1.00 out of 1.00

Who is not among the first initiator of Internet in Indonesia

Select one:

- a. RMS Ibrahim
- b. Jos Luhukay
- c. Robby Soebiakto
- d. Johnny G. Plate ✓

The correct answer is: Johnny G. Plate

Question 5

Correct

Mark 1.00 out of 1.00

Where does packet sniffing happen?

Select one:

- a. All the options are true
- b. On GitHub
- c. In the database
- d. Over the network ✓

The correct answer is: Over the network

Question 6

Correct

Mark 1.00 out of 1.00

Jenis topologi jaringan dimana setiap node pasti memiliki 2 kemungkinan jalur untuk mencapai tujuan:

Select one:

- a. Star
- b. Bus
- c. Ring ✓
- d. Mesh

The correct answer is: Ring

Question 7

Incorrect

Mark 0.00 out of 2.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak **300 km** dan **500 km**. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**. Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah **2×10^8 m/s**. Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **4 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi $1 \text{ KByte} = 1000 \text{ Byte}$ dan $1 \text{ Mbit} = 1000 \text{ Kbit}$, atau $1 \text{ KByte} = 2^{10} \text{ Byte}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 0.034



The correct answer is: 0.069

Question 8

Correct

Mark 1.00 out of 1.00

Forwarding merupakan salah satu fungsi utama dari packet switch yang berarti:

Select one:

- a. Menentukan rute ke host tujuan
- b. Menentukan rute ke host selanjutnya
- c. Meneruskan paket ke host tujuan
- d. Meneruskan paket ke router/node selanjutnya ✓

The correct answer is: Meneruskan paket ke router/node selanjutnya

Question 9

Correct

Mark 1.00 out of 1.00

Flow table pada software-defined networking (SDN) dapat melakukan action drop packet yang berasal dari suatu subnet menggunakan IP address matching maupun dari suatu device dengan MAC address matching.

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 10

Incorrect

Mark 0.00 out of 1.00

It is not mandatory for the big Internet Service Providers (ISPs) to be interconnected to each other.

Select one:

- True 
- False

I'm sorry, the internet is all about connecting end systems, so the ISPs must also be interconnected to each other.

The correct answer is 'False'.

Question 11

Correct

Mark 1.00 out of 1.00

Which of the following are most vulnerable to injection attacks?

Select one:

- a. Network communication
- b. Registry keys
- c. SQL queries based on user input 
- d. Session IDs

The correct answer is: SQL queries based on user input

Question 12

Partially correct

Mark 2.50 out of 5.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Salah satu protokol pada link layer

▼

Salah satu protokol pada network layer

▼

Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer

▼

Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link.

▼

Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima

▼

Layer yang mengatur format penulisan pesan antara pengirim dan penerima

▼

Your answer is partially correct.

You have correctly selected 3.

The correct answer is: Salah satu protokol pada link layer → Ethernet, Salah satu protokol pada network layer → ICMP, Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer → Frame, Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link. → Encapsulation, Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima → Transport, Layer yang mengatur format penulisan pesan antara pengirim dan penerima → Application

Question 13

Correct

Mark 1.00 out of 1.00

Jenis ISP yang tidak perlu membayar apapun untuk membuat koneksi dengan jaringan ISP yang lain agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Tier 1 ✓
- b. Content Provider Network
- c. Tier 3 (Access)
- d. Tier 2 (Regional)

The correct answer is: Tier 1

Question 14

Correct

Mark 1.00 out of 1.00

Yang BUKAN termasuk komponen edge network adalah:

Select one:

- a. Core router ✓
- b. Server
- c. IP Phone
- d. Edge router

The correct answer is: Core router

Question 15

Correct

Mark 1.00 out of 1.00

All of the following are examples of real security threats except

Select one:

- a. Worm
- b. Virus
- c. Spam ✓
- d. Hackers

The correct answer is: Spam

Question 16

Incorrect

Mark 0.00 out of 1.00

Keuntungan circuit switching jika dibandingkan dengan packet switching adalah:

Select one:

- a. Tidak perlu setup koneksi
- b. Memungkinkan sharing resource
- c. Tidak terjadi congestion di dalam jaringan
- d. Bisa mengakomodasi lebih banyak user ✗

The correct answer is: Tidak terjadi congestion di dalam jaringan

Question 17

Correct

Mark 1.00 out of 1.00

In 1990s, the internetworking of which three networks resulted into internet?

Select one:

- a. ARPANET, NSFnet and other public networks
- b. ARPANET, NSFnet and other private networks ✓
- c. ARPANET, GPS and NSFnet
- d. WWW, GPS and other private networks

The correct answer is: ARPANET, NSFnet and other private networks

Question 18

Correct

Mark 1.00 out of 1.00

Jenis topologi jaringan dimana setiap node saling terhubung satu sama lain adalah:

Select one:

- a. Bus
- b. Star
- c. Ring
- d. Mesh ✓

The correct answer is: Mesh

Question 19

Correct

Mark 2.00 out of 2.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantre di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 1 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan **detik** atau **second**)!

CATATAN:

Dapat menggunakan asumsi $1 \text{ Kbit} = 10^3 \text{ bit}$ dan $1 \text{ Mbit} = 10^6 \text{ bit}$ atau $1 \text{ Kbit} = 2^{10} \text{ bit}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 0.036



asumsi $1 \text{ Mbit} = 10^6 \text{ bit}$

The correct answer is: 0.036



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Question 1

Partially correct

Mark 0.50 out of 1.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal

Link



Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima

Transport



Salah satu protokol pada application layer

UDP



Salah satu protokol pada transport layer

UDP



Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi.

Decapsulation



Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer

Encapsulation



Your answer is partially correct.

You have correctly selected 3.

The correct answer is: Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal → Link, Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima → Network, Salah satu protokol pada application layer → SMTP, Salah satu protokol pada transport layer → UDP, Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi. → Decapsulation, Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer → Datagram

Question 2

Incorrect

Mark 0.00 out of 1.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak **200 km** dan **400 km**. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**.

Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah $2 \times 10^8 \text{ m/s}$. Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **2 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi $1 \text{ KByte} = 1000 \text{ Byte}$ dan $1 \text{ Mbit} = 1000 \text{ Kbit}$, atau $1 \text{ KByte} = 2^{10} \text{ Byte}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 200



The correct answer is: 0.036

Question 3

Correct

Mark 1.00 out of 1.00

Salah satu perangkat yang dapat digunakan untuk membagi konektivitas antar end-device di dalam jaringan lokal adalah:

Select one:

- a. Amplifier
- b. Switch ✓
- c. Router
- d. Modem

The correct answer is: Switch

Question 4

Correct

Mark 1.00 out of 1.00

ARPANET stands for?

Select one:

- a. Advanced Research Project Agency Network ✓
- b. Advanced Research Project Authorized Network
- c. Advanced Research Project Automatic Network
- d. Advanced Research Programmed Auto Network

The correct answer is: Advanced Research Project Agency Network

Question 5

Incorrect

Mark 0.00 out of 1.00

Teknologi akses internet pada edge network yang memanfaatkan infrastruktur jaringan telepon adalah:

Select one:

- a. FTTH
- b. Cable network ✗
- c. Ethernet
- d. DSL

The correct answer is: DSL

Question 6

Correct

Mark 1.00 out of 1.00

Who invented the World Wide Web (WWW)?

Select one:

- a. Arthur C. Clarke
- b. Vinton Cerf
- c. Marc Andreeson
- d. Tim Berners-Lee ✓

The correct answer is: Tim Berners-Lee

Question 7

Correct

Mark 1.00 out of 1.00

Jenis ISP yang bisa membuat koneksi dengan jaringan ISP lain yang setingkat secara gratis dan perlu membayar fee ke ISP lainnya dengan tingkat yang lebih tinggi agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Content Provider Network
- b. Tier 2 (Regional) ✓
- c. Tier 3 (Access)
- d. Tier 1

The correct answer is: Tier 2 (Regional)

Question 8

Incorrect

Mark 0.00 out of 1.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantre di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 2 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan detik atau second)!

CATATAN:

Dapat menggunakan asumsi $1 \text{ Kbit} = 10^3 \text{ bit}$ dan $1 \text{ Mbit} = 10^6 \text{ bit}$ atau $1 \text{ Kbit} = 2^{10} \text{ bit}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 0.00175



The correct answer is: 0.018

Question 9

Correct

Mark 1.00 out of 1.00

Store-and-forward transmission means that the packet switch must receive the entire packet before it can begin to transmit the first bit of the packet onto the outbound link.

Select one:

- True ✓
- False

Correct, store-and-forward transmission means that the packet switch must receive the entire packet before it can begin to transmit the first bit of the packet onto the outbound link.

The correct answer is 'True'.

Question 10

Correct

Mark 1.00 out of 1.00

Scele Fasilkom UI (<https://scele.cs.ui.ac.id/>) merupakan bagian dari Internet

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 11

Incorrect

Mark 0.00 out of 1.00

Hosts or end systems are connected together by a network of servers and workstations.

Select one:

- True ✗
- False

I'm sorry, the hosts or end systems are connected together by a network of communication links and packet switches.

The correct answer is 'False'.

Question 12

Incorrect

Mark 0.00 out of 1.00

Yang BUKAN merupakan keuntungan dari IXP adalah:

Select one:

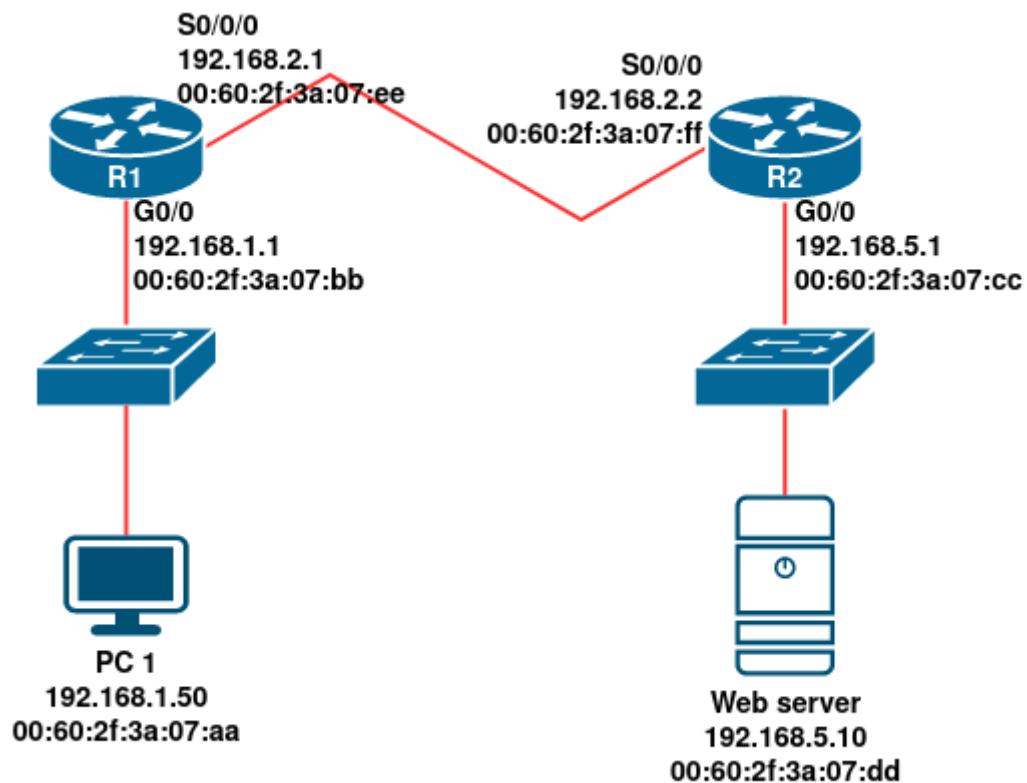
- a. mengurangi biaya ISP dalam melakukan routing ke ISP lain ✗
- b. mengurangi latency user saat berkomunikasi dengan user lain yang beda ISP
- c. akses ke content delivery network (CDN) jadi lebih dekat sehingga latency lebih rendah
- d. memudahkan monitoring traffic oleh pemerintah

The correct answer is: memudahkan monitoring traffic oleh pemerintah

Question 13

Incorrect

Mark 0.00 out of 1.00



What is the destination MAC address of the Ethernet frame as it leaves PC1 when an HTTP request is sent to the web server?

Select one:

- a. 00:60:2F:3A:07:CC
- b. 00:60:2F:3A:07:FF
- c. 00:60:2F:3A:07:DD ✘
- d. 00:60:2F:3A:07:BB

The correct answer is: 00:60:2F:3A:07:BB

Question 14

Incorrect

Mark 0.00 out of 1.00

The least expensive and most commonly used guided transmission medium is the fiber optics.

Select one:

- True 
- False

I'm sorry, the least expensive and most commonly used guided transmission medium is twistedpair copper wire.

The correct answer is 'False'.

Question 15

Correct

Mark 1.00 out of 1.00

Internet tidak sama dengan World Wide Web

Select one:

- True 
- False

The correct answer is 'True'.

Question 1

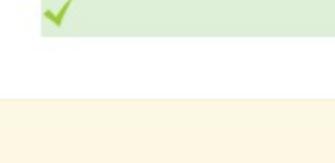
Correct Mark 5.00 out of 5.00

Flag question

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

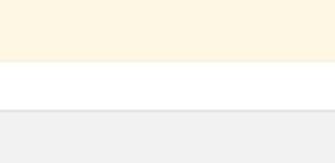
Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal

Link



Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi.

Decapsulation



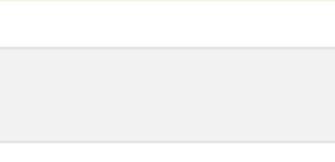
Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima

Network



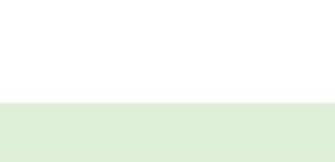
Salah satu protokol pada application layer

SMTP



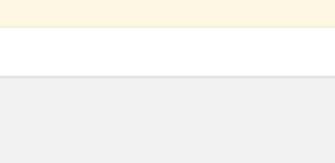
Salah satu protokol pada transport layer

UDP



Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer

Datagram



Your answer is correct.

The correct answer is: Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal → Link, Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi. → Decapsulation, Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima → Network, Salah satu protokol pada application layer → SMTP, Salah satu protokol pada transport layer → UDP, Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer → Datagram

Question 2

Incorrect Mark 0.00 out of 1.00

Flag question

Jenis jaringan yang dapat mem by-pass semua hierarki ISP untuk mencapai pelanggan adalah:

Select one:

 a. Tier 1 ✗ b. Content Provider Network c. Tier 3 (Access) d. Tier 2 (Regional)

The correct answer is: Tier 3 (Access)

Question 3

Correct Mark 1.00 out of 1.00

Flag question

Which of the following contains the primary goals and objectives of security?

Select one:

 a. A stand-alone system b. The Internet c. The CIA Triangle ✓ d. A network's border perimeter

The correct answer is: The CIA Triangle

Question 4

Correct Mark 1.00 out of 1.00

Flag question

Jenis ISP yang harus membayar fee untuk membuat koneksi dengan jaringan ISP yang lain (tidak ada opsi untuk membuat koneksi secara gratis dengan ISP lain) agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

 a. Tier 3 (Access) ✓ b. Tier 1 c. Tier 2 (Regional) d. Content Provider Network

The correct answer is: Tier 3 (Access)

Question 5

Correct Mark 1.00 out of 1.00

Flag question

How is STRIDE used?

Select one:

 a. Provides a complete list of software attack by type b. Classifies all known security attacks c. Classifies all known software attacks d. Help software developers identify types of attacks ✓

The correct answer is: Help software developers identify types of attacks

Question 6

Correct Mark 1.00 out of 1.00

Flag question

Forwarding merupakan salah satu fungsi utama dari packet switch yang berarti:

Select one:

 a. Menentukan rute ke host tujuan b. Meneruskan paket ke router/node selanjutnya ✓ c. Menentukan rute ke host selanjutnya d. Meneruskan paket ke host tujuan

The correct answer is: Meneruskan paket ke router/node selanjutnya

Question 7

Correct Mark 1.00 out of 1.00

Flag question

The exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

Select one:

 True ✓ False

Correct, the exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

The correct answer is 'True'.

Question 8

Correct Mark 1.00 out of 1.00

Flag question

Which of the following is not true?

Select one:

 a. Violations of confidentiality include management oversight. b. Violations of confidentiality are limited to direct intentional attacks. ✓ c. Violations of confidentiality include human error. d. Violations of confidentiality can occur when a transmission is not properly encrypted.

The correct answer is: Violations of confidentiality are limited to direct intentional attacks.

Question 9

Correct Mark 1.00 out of 1.00

Flag question

Mobile access network yang menghubungkan end system ke internet via jaringan seluler disebut juga dengan:

Select one:

 a. Personal Area Wireless Access b. Wide Area Wireless Access ✓ c. Public Area Wireless Access d. Local Area Wireless Access

The correct answer is: Wide Area Wireless Access

Question 10

Incorrect Mark 0.00 out of 1.00

Flag question

Teknologi akses internet pada edge network yang membutuhkan panggilan telepon dari modem ke ISP untuk memulai akses internet serta tidak ada pemisahan sinyal telepon dan data adalah:

Select one:

 a. DSL ✗ b. Dial c. Cable network d. FTTH

The correct answer is: Dial

Question 11

Incorrect Mark 0.00 out of 1.00

Flag question

Ketika suatu datagram berukuran 3000 bytes akan di transmisikan pada suatu link yang memiliki MTU sebesar 1500 bytes, maka fragment pertama dari datagram tersebut memiliki ukuran sebesar bytes

Answer: 1480

The correct answer is: 1480

Question 12

Not answered Marked out of 2.00

Flag question

How do you prevent SQL injection?

Select one:

 a. Escape queries ✓ b. Interrupt queries c. Merge table d. All options are true

The correct answer is: Escape queries

Question 13

Correct Mark 1.00 out of 1.00

Flag question

Teknologi akses internet pada edge network yang memanfaatkan infrastruktur jaringan telepon adalah:

Select one:

 a. True ✓ b. False

Correct, the exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

The correct answer is: True

The correct answer is: False

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The correct answer is: False

The correct answer is: True

The correct answer is: False

Started on Friday, 10 September 2021, 8:00 AM

State Finished

Completed on Friday, 10 September 2021, 8:49 AM

Time taken 48 mins 56 secs

Marks 16.50/25.00

Grade 66.00 out of 100.00

Question 1 Correct Mark 1.00 out of 1.00

Where does packet sniffing happen?

Select one:

- a. In the database
- b. Over the network ✓
- c. All the options are true
- d. On GitHub

The correct answer is: Over the network

Question 2 Incorrect Mark 0.00 out of 2.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantri di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 1 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan detik atau second)!

CATATAN:

Dapat menggunakan asumsi $1 \text{ Kbit} = 10^3 \text{ bit}$ dan $1 \text{ Mbit} = 10^6 \text{ bit}$ atau $1 \text{ Kbit} = 2^{10} \text{ bit}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 0.032



The correct answer is: 0.036

Question 3

Correct

Mark 1.00 out of 1.00

Jenis ISP yang bisa membuat koneksi dengan jaringan ISP lain yang setingkat secara gratis dan perlu membayar fee ke ISP lainnya dengan tingkat yang lebih tinggi agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Tier 3 (Access)
- b. Tier 1
- c. Content Provider Network
- d. Tier 2 (Regional) ✓

The correct answer is: Tier 2 (Regional)

Question 4

Partially correct

Mark 2.50 out of 5.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer

Frame



Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima

Application



Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link.

Encapsulation



Salah satu protokol pada link layer

TCP



Layer yang mengatur format penulisan pesan antara pengirim dan penerima

Network



Salah satu protokol pada network layer

ICMP



Your answer is partially correct.

You have correctly selected 3.

The correct answer is: Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer → Frame, Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima → Transport, Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link. → Encapsulation, Salah satu protokol pada link layer → Ethernet, Layer yang mengatur format penulisan pesan antara pengirim dan penerima → Application, Salah satu protokol pada network layer → ICMP

Question 5

Correct

Mark 1.00 out of 1.00

Who in 1837 invented the electromagnetic telegraph, which marked the beginning of today's information age?

Select one:

- a. Susan B. Anthony
- b. Guglielmo Marconi
- c. Alexander Graham Bell
- d. Samuel Morse ✓

The correct answer is: Samuel Morse

Question 6

Correct

Mark 1.00 out of 1.00

The exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

Select one:

- True ✓
- False

Correct, the exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

The correct answer is 'True'.

Question 7

Not answered

Marked out of 2.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak **200 km** dan **400 km**. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**. Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah **$2 \times 10^8 \text{ m/s}$** . Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **2 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi $1 \text{ KByte} = 1000 \text{ Byte}$ dan $1 \text{ Mbit} = 1000 \text{ Kbit}$, atau $1 \text{ KByte} = 2^{10} \text{ Byte}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: X

The correct answer is: 0.036

Question 8

Incorrect

Mark 0.00 out of 1.00

Yang BUKAN termasuk komponen edge network adalah:

Select one:

- a. IP Phone
- b. Edge router
- c. Server X
- d. Core router

The correct answer is: Core router

Question 9

Correct

Mark 1.00 out of 1.00

How do you prevent packet-sniffing exploits?

Select one:

- a. Packet plugs
- b. Encrypt network communication with SSL ✓
- c. Scan for viruses
- d. Escape packet

The correct answer is: Encrypt network communication with SSL

Question 10

Correct

Mark 1.00 out of 1.00

Sedangkan IPv6 addressing menggunakan alamat sebanyak bytes

Answer: 16



The correct answer is: 16

Question 11

Correct

Mark 1.00 out of 1.00

Jenis topologi jaringan dimana setiap node berbagi saluran (kabel) yang sama adalah:

Select one:

- a. Bus ✓
- b. Ring
- c. Mesh
- d. Star

The correct answer is: Bus

Question 12

Correct

Mark 1.00 out of 1.00

Routing merupakan salah satu fungsi utama dari packet switch yang berarti:

Select one:

- a. Meneruskan paket ke host tujuan
- b. Meneruskan paket ke router/node selanjutnya
- c. Menentukan rute ke host selanjutnya
- d. Menentukan rute ke host tujuan ✓

The correct answer is: Menentukan rute ke host tujuan

Question 13

Correct

Mark 1.00 out of 1.00

Who is not among the first initiator of Internet in Indonesia

Select one:

- a. RMS Ibrahim
- b. Robby Soebiakto
- c. Johnny G. Plate ✓
- d. Jos Luhukay

The correct answer is: Johnny G. Plate

Question 14

Correct

Mark 1.00 out of 1.00

How is STRIDE used?

Select one:

- a. Classifies all known security attacks
- b. Classifies all known software attacks
- c. Provides a complete list of software attack by type
- d. Help software developers identify types of attacks ✓

The correct answer is: Help software developers identify types of attacks

Question 15

Correct

Mark 1.00 out of 1.00

The Internet is a software that interconnects billions of computing devices throughout the world.

Select one:

- True
- False ✓

Correct, the Internet is a computer network that interconnects billions of computing devices throughout the world.

The correct answer is 'False'.

Question 16

Correct

Mark 1.00 out of 1.00

Jenis topologi jaringan yang memiliki hierarki antara hub pusat dengan end system adalah:

Select one:

- a. Bus
- b. Tree ✓
- c. Star
- d. Mesh

The correct answer is: Tree

Question 17

Incorrect

Mark 0.00 out of 1.00

WiFi dapat digunakan untuk menghubungkan edge network dengan ISP:

Select one:

- a. True ✗
- b. False

The correct answer is: False

Question 18

Correct

Mark 1.00 out of 1.00

All of the following are examples of real security threats except

Select one:

- a. Worm
- b. Hackers
- c. Virus
- d. Spam ✓

The correct answer is: Spam

Question 19

Correct

Mark 1.00 out of 1.00

Koneksi antar ISP yang satu level (e.g. sesama Tier 1 atau sesama Tier 2) disebut dengan:

Select one:

- a. Shared link
- b. Customer link
- c. Peering link ✓
- d. Backbone link

The correct answer is: Peering link

Question 1

Incorrect

Mark 0.00 out of 2.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak **200 km** dan **400 km**. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**. Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah 2×10^8 m/s. Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **2 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi 1 KByte = 1000 Byte dan 1 Mbit = 1000 Kbit, atau 1 KByte = 2^{10} Byte dan 1 Mbit = 2^{20} bit

Answer: 0.02



The correct answer is: 0.036

Question 2

Correct

Mark 5.00 out of 5.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Salah satu protokol pada transport layer

UDP



Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer

Datagram



Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi.

Decapsulation



Salah satu protokol pada application layer

SMTP



Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal

Link



Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima

Network



Your answer is correct.

The correct answer is: Salah satu protokol pada transport layer → UDP, Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer → Datagram, Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi. → Decapsulation, Salah satu protokol pada application layer → SMTP, Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal → Link, Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima → Network

Question 3

Incorrect

Mark 0.00 out of 1.00

Jenis jaringan yang dapat mem by-pass semua hierarki ISP untuk mencapai pelanggan adalah:

Select one:

- a. Tier 3 (Access)
- b. Tier 2 (Regional)
- c. Tier 1 X
- d. Content Provider Network

The correct answer is: Tier 3 (Access)

Question 4

Incorrect

Mark 0.00 out of 1.00

Teknologi akses internet pada edge network yang membutuhkan panggilan telepon dari modem ke ISP untuk memulai akses internet serta tidak ada pemisahan sinyal telepon dan data adalah:

Select one:

- a. Cable network
- b. FTTH
- c. DSL X
- d. Dial

The correct answer is: Dial

Question 5

Correct

Mark 1.00 out of 1.00

In 1990s, the internetworking of which three networks resulted into internet?

Select one:

- a. ARPANET, NSFnet and other public networks
- b. WWW, GPS and other private networks
- c. ARPANET, GPS and NSFnet
- d. ARPANET, NSFnet and other private networks ✓

The correct answer is: ARPANET, NSFnet and other private networks

Question 6

Correct

Mark 1.00 out of 1.00

How do you prevent SQL injection?

Select one:

- a. Escape queries ✓
- b. Merge table
- c. All options are true
- d. Interrupt queries

The correct answer is: Escape queries

Question 7

Correct

Mark 1.00 out of 1.00

All of the following are examples of real security threats except

Select one:

- a. Virus
- b. Worm
- c. Spam ✓
- d. Hackers

The correct answer is: Spam

Question 8

Correct

Mark 1.00 out of 1.00

The exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

Select one:

- True ✓
- False

Correct, the exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

The correct answer is 'True'.

Question 9

Correct

Mark 1.00 out of 1.00

Ketika suatau datagram berukuran 3000 bytes akan ditransmisikan pada suatu link yang memiliki MTU sebesar 1500 bytes, maka fragment pertama dari datagram tersebut memiliki ukuran sebesar bytes

Answer: 1500



The correct answer is: 1500

Question 10

Correct

Mark 2.00 out of 2.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantri di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 2 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan **detik** atau **second**)!

CATATAN:

Dapat menggunakan asumsi $1 \text{ Kbit} = 10^3 \text{ bit}$ dan $1 \text{ Mbit} = 10^6 \text{ bit}$ atau $1 \text{ Kbit} = 2^{10} \text{ bit}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 0.018



asumsi $1 \text{ Mbit} = 10^6 \text{ bit}$

The correct answer is: 0.018

Question 11

Correct

Mark 1.00 out of 1.00

Where does packet sniffing happen?

Select one:

- a. Over the network ✓
- b. In the database
- c. All the options are true
- d. On GitHub

The correct answer is: Over the network

Question 12

Incorrect

Mark 0.00 out of 1.00

Hosts or end systems are connected together by a network of servers and workstations.

Select one:

- True ✗
- False

I'm sorry, the hosts or end systems are connected together by a network of communication links and packet switches.

The correct answer is 'False'.

Question 13

Incorrect

Mark 0.00 out of 1.00

Yang BUKAN merupakan keuntungan dari IXP adalah:

Select one:

- a. mengurangi biaya ISP dalam melakukan routing ke ISP lain
- b. mengurangi latency user saat berkomunikasi dengan user lain yang beda ISP
- c. akses ke content delivery network (CDN) jadi lebih dekat sehingga latency lebih rendah ✗
- d. memudahkan monitoring traffic oleh pemerintah

The correct answer is: memudahkan monitoring traffic oleh pemerintah

Question 14

Correct

Mark 1.00 out of 1.00

Which of the following is not considered a violation of confidentiality?

Select one:

- a. Social engineering
- b. Hardware destruction ✓
- c. Eavesdropping
- d. Stealing passwords

The correct answer is: Hardware destruction

Question 15

Correct

Mark 1.00 out of 1.00

Salah satu perangkat yang dapat digunakan untuk membagi konektivitas antar end-device di dalam jaringan lokal adalah:

Select one:

- a. Modem
- b. Switch ✓
- c. Amplifier
- d. Router

The correct answer is: Switch

Question 16

Correct

Mark 1.00 out of 1.00

Yang BUKAN termasuk end system adalah:

Select one:

- a. IP Phone
- b. Network Printer
- c. Server
- d. Switch ✓

The correct answer is: Switch

Question 17

Correct

Mark 1.00 out of 1.00

WiFi dapat digunakan untuk menghubungkan edge network dengan ISP:

Select one:

- a. False ✓
- b. True

The correct answer is: False

Question 18

Correct

Mark 1.00 out of 1.00

Routing merupakan salah satu fungsi utama dari packet switch yang berarti:

Select one:

- a. Meneruskan paket ke router/node selanjutnya
- b. Meneruskan paket ke host tujuan
- c. Menentukan rute ke host selanjutnya
- d. Menentukan rute ke host tujuan ✓

The correct answer is: Menentukan rute ke host tujuan

Question 19

Correct

Mark 1.00 out of 1.00

Who is not among the first initiator of Internet in Indonesia

Select one:

- a. RMS Ibrahim
- b. Robby Soebiakto
- c. Jos Luhukay
- d. Johnny G. Plate ✓

The correct answer is: Johnny G. Plate



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... A,B,C) Gasal 2021-2022 > Chapter 1.

Computer Networks and The Internet > Kuis C

Started on Friday, 10 September 2021, 8:00 AM

State Finished

Completed on Friday, 10 September 2021, 8:50 AM

Time taken 49 mins 53 secs

Marks

Grade

Question 1 Incorrect Mark 0.00 out of 1.00

The Internet is a software that interconnects billions of computing devices throughout the world.

Select one:

True ✗

False

I'm sorry, the Internet is a computer network that interconnects billions of computing devices throughout the world.

The correct answer is 'False'.

Question 2

Correct

Mark 1.00 out of 1.00

All of the following are examples of real security threats except

Select one:

- a. Virus
- b. Hackers
- c. Spam ✓
- d. Worm

The correct answer is: Spam

Question 3

Incorrect

Mark 0.00 out of 1.00

WiFi dapat digunakan untuk menghubungkan edge network dengan ISP:

Select one:

- a. True ✗
- b. False

The correct answer is: False

Question 4

Correct

Mark 1.00 out of 1.00

Where does packet sniffing happen?

Select one:

- a. All the options are true
- b. On GitHub
- c. In the database
- d. Over the network ✓

The correct answer is: Over the network

Question 5

Correct

Mark 1.00 out of 1.00

Salah satu perangkat yang dapat digunakan untuk membagi koneksi antar end-device di dalam jaringan lokal adalah:

Select one:

- a. Amplifier
- b. Router
- c. Switch ✓
- d. Modem

The correct answer is: Switch

Question 6

Correct

Mark 1.00 out of 1.00

Keuntungan packet switching jika dibandingkan dengan circuit switching adalah:

Select one:

- a. Tidak akan terjadi congestion di dalam jaringan
- b. Memungkinkan sharing resource ✓
- c. Jalur end-to-end sudah ditentukan sebelumnya
- d. Dedicated resource untuk pihak yang berkomunikasi

The correct answer is: Memungkinkan sharing resource

Question 7

Correct

Mark 1.00 out of 1.00

Keuntungan circuit switching jika dibandingkan dengan packet switching adalah:

Select one:

- a. Bisa mengakomodasi lebih banyak user
- b. Tidak perlu setup koneksi
- c. Memungkinkan sharing resource
- d. Tidak terjadi congestion di dalam jaringan ✓

The correct answer is: Tidak terjadi congestion di dalam jaringan

Question 8

Correct

Mark 1.00 out of 1.00

In 1990s, the internetworking of which three networks resulted into internet?

Select one:

- a. ARPANET, GPS and NSFnet
- b. WWW, GPS and other private networks
- c. ARPANET, NSFnet and other private networks ✓
- d. ARPANET, NSFnet and other public networks

The correct answer is: ARPANET, NSFnet and other private networks

Question 9

Partially correct

Mark 2.50 out of 5.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima

Transport



Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi.

Decapsulation



Salah satu protokol pada transport layer

UDP



Salah satu protokol pada application layer

SMTP



Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer

Encapsulation



Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal

Application



Your answer is partially correct.

You have correctly selected 3.

The correct answer is: Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima → Network, Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi. → Decapsulation, Salah satu protokol pada transport layer → UDP, Salah satu protokol pada application layer → SMTP, Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer → Datagram, Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal → Link

Question 10

Correct

Mark 1.00 out of 1.00

Hosts or end systems are the devices being hooked up to the Internet.

Select one:

- True ✓
- False

Correct, hosts or end systems are the devices being hooked up to the Internet.

The correct answer is 'True'.

Question 11

Incorrect

Mark 0.00 out of 1.00

Ketika suatu datagram berukuran 3000 bytes akan ditransmisikan pada suatu link yang memiliki MTU sebesar 1500 bytes, maka fragment terakhir dari datagram tersebut memiliki ukuran sebesar bytes

Answer: 1500



The correct answer is: 40

Question 12

Correct

Mark 1.00 out of 1.00

IPv4 addressing menggunakan alamat sebanyak bits

Answer: 32



The correct answer is: 32

Question 13

Correct

Mark 1.00 out of 1.00

The earliest web browser introduced to Fasilkom UI in 1990s by Bobby Nazief

Select one:

- a. Netscape
- b. Lynx
- c. Mosaic ✓
- d. Konqueror

The correct answer is: Mosaic

Question 14

Incorrect

Mark 0.00 out of 2.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak 200 km dan 400 km. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar 1 Mbit/s. Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah 2×10^8 m/s. Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran 2 KByte ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi 1 KByte = 1000 Byte dan 1 Mbit = 1000 Kbit, atau 1 KByte = 2^{10} Byte dan 1 Mbit = 2^{20} bit

Answer: 0.019



The correct answer is: 0.036

Question 15

Correct

Mark 1.00 out of 1.00

Jenis topologi jaringan dimana setiap node terhubung ke sebuah hub pusat adalah:

Select one:

- a. Star ✓
- b. Ring
- c. Bus
- d. Mesh

The correct answer is: Star

Question 16

Correct

Mark 1.00 out of 1.00

Which of the following is not considered a violation of confidentiality?

Select one:

- a. Hardware destruction ✓
- b. Eavesdropping
- c. Stealing passwords
- d. Social engineering

The correct answer is: Hardware destruction

Question 17

Correct

Mark 2.00 out of 2.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantri di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 1 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan detik atau second)!

CATATAN:

Dapat menggunakan asumsi 1 Kbit = 10^3 bit dan 1 Mbit = 10^6 bit atau 1 Kbit = 2^{10} bit dan 1 Mbit = 2^{20} bit

Answer: 0.036



asumsi 1 Mbit = 10^6 bit

The correct answer is: 0.036

Question 18

Correct

Mark 1.00 out of 1.00

Which of the following is not true?

Select one:

- a. Violations of confidentiality are limited to direct intentional attacks. ✓
- b. Violations of confidentiality include human error.
- c. Violations of confidentiality can occur when a transmission is not properly encrypted.
- d. Violations of confidentiality include management oversight.

The correct answer is: Violations of confidentiality are limited to direct intentional attacks.

Question 19

Correct Mark 1.00 out of 1.00

Mobile access network yang menghubungkan end system ke internet via jaringan seluler disebut juga dengan:

Select one:

- a. Local Area Wireless Access
- b. Personal Area Wireless Access
- c. Public Area Wireless Access
- d. Wide Area Wireless Access ✓

The correct answer is: Wide Area Wireless Access

Question 1

Correct Mark 1.00 out of 1.00

Yang BUKAN termasuk end system adalah:

Select one:

- a. Network Printer
- b. Server
- c. IP Phone
- d. Switch ✓

The correct answer is: Switch

Question 2

Correct Mark 1.00 out of 1.00

Jenis topologi jaringan yang memiliki hierarki antara hub pusat dengan end system adalah:

Select one:

- a. Mesh
- b. Bus
- c. Tree ✓
- d. Star

The correct answer is: Tree

Question 3

Correct Mark 1.00 out of 1.00

Jenis ISP yang tidak perlu membayar apapun untuk membuat koneksi dengan jaringan ISP yang lain agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Tier 1 ✓
- b. Tier 2 (Regional)
- c. Tier 3 (Access)
- d. Content Provider Network

The correct answer is: Tier 1

Question 4

Correct Mark 1.00 out of 1.00

IPv4 addressing menggunakan alamat sebanyak bits

Answer: 32

The correct answer is: 32

Question 5

Correct Mark 1.00 out of 1.00

ARPANET stands for?

Select one:

- a. Advanced Research Project Automatic Network
- b. Advanced Research Programmed Auto Network
- c. Advanced Research Project Authorized Network
- d. Advanced Research Project Agency Network ✓

The correct answer is: Advanced Research Project Agency Network

Question 6

Incorrect Mark 0.00 out of 1.00

WiFi dapat digunakan untuk menghubungkan edge network dengan ISP:

Select one:

- a. True ✗
- b. False

The correct answer is: False

Question 7

Correct Mark 1.00 out of 1.00

Mobile access network yang menghubungkan end system ke internet via jaringan seluler disebut juga dengan:

Select one:

- a. Public Area Wireless Access
- b. Wide Area Wireless Access ✓
- c. Local Area Wireless Access
- d. Personal Area Wireless Access

The correct answer is: Wide Area Wireless Access

Question 8

Incorrect Mark 0.00 out of 1.00

Kita dapat mengimplementasikan fungsi firewall pada flow table software-defined networking (SDN) selain fungsi forwarding

Select one:

- a. True
- b. False ✗

The correct answer is 'True'.

Question 9

Incorrect Mark 0.00 out of 1.00

Ketika suatu datagram berukuran 3000 bytes akan ditransmisikan pada suatu link yang memiliki MTU sebesar 1500 bytes, maka fragment pertama dari datagram tersebut memiliki ukuran sebesar bytes

Answer: 1480



The correct answer is: 1500

Question 10

Correct Mark 1.00 out of 1.00

Yang BUKAN merupakan keuntungan dari IXP adalah:

Select one:

- a. akses ke content delivery network (CDN) jadi lebih dekat sehingga latency lebih rendah
- b. memudahkan monitoring traffic oleh pemerintah ✓
- c. mengurangi latency user saat berkomunikasi dengan user lain yang beda ISP
- d. mengurangi biaya ISP dalam melakukan routing ke ISP lain

The correct answer is: memudahkan monitoring traffic oleh pemerintah

Question 11

Correct Mark 1.00 out of 1.00

Jenis jaringan yang dapat mem by-pass semua hierarki ISP untuk mencapai pelanggan adalah:

Select one:

- a. Tier 3 (Access) ✓
- b. Content Provider Network
- c. Tier 2 (Regional)
- d. Tier 1

The correct answer is: Tier 3 (Access)

Question 12

Incorrect Mark 0.00 out of 1.00

Jenis topologi jaringan dimana setiap node berbagi saluran (kabel) yang sama adalah:

Select one:

- a. Ring
- b. Bus
- c. Mesh ✗
- d. Star

The correct answer is: Bus

Question 13

Partially correct Mark 0.83 out of 1.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima

Application



ICMP

▼

Salah satu protokol pada network layer

Encapsulation

▼

Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link.

Frame

▼

Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer

Application

▼

Layer yang mengatur format penulisan pesan antara pengirim dan penerima

Ethernet

▼

Salah satu protokol pada link layer



Your answer is partially correct.

You have correctly selected 5.

The correct answer is: Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima → Transport, Salah satu protokol pada network layer → ICMP, Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link. → Encapsulation, Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer → Frame, Layer yang mengatur format penulisan pesan antara pengirim dan penerima → Application, Salah satu protokol pada link layer → Ethernet

Question 14

Incorrect Mark 0.00 out of 1.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantri di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 1 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan **detik** atau **second**)!

CATATAN:

Dapat menggunakan asumsi 1 Kbit = 10^3 bit dan 1 Mbit = 10^6 bit atau 1 Kbit = 2^{10} bit dan 1 Mbit = 2^{20} bit

Answer: 0.02



The correct answer is: 0.036

Question 15

Correct Mark 1.00 out of 1.00

Packet switching was invented in?

Select one:

- a. 1960s ✓
- b. 1980s
- c. 2000s
- d. 1990s

The correct answer is: 1960s

Question 16

Correct Mark 1.00 out of 1.00

Sedangkan IPv6 addressing menggunakan alamat sebanyak bytes

Answer: 16



The correct answer is: 16

Question 17

Correct Mark 1.00 out of 1.00

Jenis ISP yang bisa membuat koneksi dengan jaringan ISP lain yang setingkat secara gratis dan perlu membayar fee ke ISP lainnya dengan tingkat yang lebih tinggi agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Tier 1
- b. Content Provider Network
- c. Tier 2 (Regional) ✓
- d. Tier 3 (Access)

The correct answer is: Tier 2 (Regional)

Question 18

Correct Mark 1.00 out of 1.00

Forwarding merupakan salah satu fungsi utama dari packet switch yang berarti:

Select one:

- a. Menentukan rute ke host tujuan
- b. Meneruskan paket ke host tujuan
- c. Menentukan rute ke host selanjutnya
- d. Meneruskan paket ke router/node selanjutnya ✓

The correct answer is: Meneruskan paket ke router/node selanjutnya

Question 19

Correct Mark 1.00 out of 1.00

Jenis topologi jaringan dimana setiap node terhubung ke sebuah hub pusat adalah:

Select one:

- a. Ring
- b. Star ✓
- c. Mesh
- d. Bus

The correct answer is: Star

Question 20

Correct Mark 1.00 out of 1.00

Keuntungan packet switching jika dibandingkan dengan circuit switching adalah:

Select one:

- a. Dedicated resource untuk pihak yang berkomunikasi
- b. Tidak akan terjadi congestion di dalam jaringan
- c. Jalur end-to-end sudah ditentukan sebelumnya
- d. Memungkinkan sharing resource ✓

The correct answer is: Memungkinkan sharing resource

Question 21

Correct Mark 1.00 out of 1.00

In 1990s, the internetworking of which three networks resulted into internet?

Select one:

- a. ARPANET, NSFnet and other private networks ✓
- b. ARPANET, NSFnet and other public networks
- c. ARPANET, GPS and NSFnet
- d. WWW, GPS and other private networks

The correct answer is: ARPANET, NSFnet and other private networks

Question 22

Correct Mark 1.00 out of 1.00

Who invented the World Wide Web (WWW)?

Select one:

- a. Vinton Cerf
- b. Marc Andreeson
- c. Arthur C. Clarke
- d. Tim Berners-Lee ✓

The correct answer is: Tim Berners-Lee

Question 23

Incorrect Mark 0.00 out of 1.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak 200 km dan 400 km. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**. Asumsi tidak ada queueing delay (delay antrian) dan kecepatan propagasi pada kedua link tersebut adalah $2 \times 10^8 \text{ m/s}$. Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **2 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi 1 KByte = 1000 Byte dan 1 Mbit = 1000 Kbit, atau 1 KByte = 2^{10} Byte dan 1 Mbit = 2^{20} bit

Answer: 0.333 X

The correct answer is: 0.036

Question 24

Correct Mark 1.00 out of 1.00

Who is not among the first initiator of Internet in Indonesia

Select one:

- a. Johnny G. Plate ✓
- b. Jos Luhukay
- c. Robby Soebiakto
- d. RMS Ibrahim

The correct answer is: Johnny G. Plate

Question 25

Correct Mark 1.00 out of 1.00

The first ISP in Indonesia

Select one:

- a. Biznet
- b. Wasantara
- c. Telkom
- d. Indonet ✓

The correct answer is: Indonet



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Computer Networks and The Internet > Kuis Chapter 1 > Chapter 1.

Computer Networks and The Internet > Kuis Chapter 1

Started on Friday, 10 September 2021, 8:02 AM

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Completed on Friday, 10 September 2021, 8:50 AM

Time taken 47 mins 43 secs

Marks 16.00/25.00

Grade 64.00 out of 100.00

Question 1 Incorrect Mark 0.00 out of 2.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak 200 km dan 400 km. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**. Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah **2×10^8 m/s**. Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **2 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi 1 KByte = 1000 Byte dan 1 Mbit = 1000 Kbit, atau 1 KByte = 2^{10} Byte dan 1 Mbit = 2^{20} bit

Answer: 0.0118125



The correct answer is: 0.036

Question 2

Correct

Mark 1.00 out of 1.00

Yang BUKAN termasuk komponen edge network adalah:

Select one:

- a. Core router ✓
- b. IP Phone
- c. Edge router
- d. Server

The correct answer is: Core router

Question 3

Incorrect

Mark 0.00 out of 1.00

DHCP request dan offer menggunakan alamat 0.0.0.0 sebagai source dan alamat broadcast sebagai destination karena client belum mendapatkan IP address yang sah untuk digunakan dalam transaksi.

Select one:

- True ✗
- False

The correct answer is 'False'.

Question 4

Correct

Mark 1.00 out of 1.00

Where does packet sniffing happen?

Select one:

- a. In the database
- b. Over the network ✓
- c. On GitHub
- d. All the options are true

The correct answer is: Over the network

Question 5

Correct

Mark 1.00 out of 1.00

Jenis ISP yang tidak perlu membayar apapun untuk membuat koneksi dengan jaringan ISP yang lain agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Tier 3 (Access)
- b. Content Provider Network
- c. Tier 2 (Regional)
- d. Tier 1 ✓

The correct answer is: Tier 1

Question 6

Incorrect

Mark 0.00 out of 1.00

Jenis topologi jaringan yang memiliki hierarki antara hub pusat dengan end system adalah:

Select one:

- a. Star X
- b. Mesh
- c. Tree
- d. Bus

The correct answer is: Tree

Question 7

Incorrect

Mark 0.00 out of 1.00

How is STRIDE used?

Select one:

- a. Classifies all known software attacks
- b. Classifies all known security attacks X
- c. Help software developers identify types of attacks
- d. Provides a complete list of software attack by type

The correct answer is: Help software developers identify types of attacks

Question 8

Incorrect

Mark 0.00 out of 1.00

Confidentiality is dependent upon which of the following?

Select one:

- a. Nonrepudiation ✗
- b. Integrity
- c. Accountability
- d. Availability

The correct answer is: Integrity

Question 9

Correct

Mark 1.00 out of 1.00

Who is not among the first initiator of Internet in Indonesia

Select one:

- a. Johnny G. Plate ✓
- b. Robby Soebiakto
- c. Jos Luhukay
- d. RMS Ibrahim

The correct answer is: Johnny G. Plate

Question 10

Correct

Mark 1.00 out of 1.00

Teknologi akses internet pada edge network yang memanfaatkan infrastruktur TV kabel adalah:

Select one:

- a. Ethernet
- b. FTTH
- c. DSL
- d. Cable network ✓

The correct answer is: Cable network

Question 11

Correct

Mark 1.00 out of 1.00

Yang BUKAN termasuk end system adalah:

Select one:

- a. IP Phone
- b. Network Printer
- c. Switch ✓
- d. Server

The correct answer is: Switch

Question 12

Correct

Mark 1.00 out of 1.00

Hosts or end systems are the devices being hooked up to the Internet.

Select one:

- True ✓
- False

Correct, hosts or end systems are the devices being hooked up to the Internet.

The correct answer is 'True'.

Question 13

Correct

Mark 1.00 out of 1.00

Which of the following is not true?

Select one:

- a. Violations of confidentiality are limited to direct intentional attacks. ✓
- b. Violations of confidentiality can occur when a transmission is not properly encrypted.
- c. Violations of confidentiality include management oversight.
- d. Violations of confidentiality include human error.

The correct answer is: Violations of confidentiality are limited to direct intentional attacks.

Question 14

Correct

Mark 1.00 out of 1.00

The internet was originally a project of

Select one:

- a. ARPA ✓
- b. NSA
- c. NSF
- d. ISO

The correct answer is: ARPA

Question 15

Correct

Mark 5.00 out of 5.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Salah satu protokol pada application layer

SMTP

Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer

Datagram

Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima

Network

Salah satu protokol pada transport layer

UDP

Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal

Link

Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi.

Decapsulation

Your answer is correct.

The correct answer is: Salah satu protokol pada application layer → SMTP, Sebutan untuk paket pada network layer yang terdiri atas segment yang dibungkus oleh header pada network layer → Datagram, Layer yang bertanggung jawab untuk menentukan rute paket dari pengirim sampai penerima → Network, Salah satu protokol pada transport layer → UDP, Layer yang bertanggung jawab untuk mengatur akses terhadap medium serta jaringan lokal → Link, Proses yang dilakukan pada penerima setelah menerima paket dengan membuka header-header mulai dari layer link sampai layer aplikasi. → Decapsulation

Question 16

Correct

Mark 1.00 out of 1.00

Jenis ISP yang bisa membuat koneksi dengan jaringan ISP lain yang setingkat secara gratis dan perlu membayar fee ke ISP lainnya dengan tingkat yang lebih tinggi agar dapat mencapai jaringan internet lain yang lebih luas adalah:

Select one:

- a. Content Provider Network
- b. Tier 1
- c. Tier 3 (Access)
- d. Tier 2 (Regional) ✓

The correct answer is: Tier 2 (Regional)

Question 17

Incorrect

Mark 0.00 out of 1.00

Ketika suatu datagram berukuran 3000 bytes akan ditransmisikan pada suatu link yang memiliki MTU sebesar 1500 bytes, maka fragment terakhir dari datagram tersebut memiliki ukuran sebesar bytes

Answer: 1500



The correct answer is: 40

Question 18

Incorrect

Mark 0.00 out of 2.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantri di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 2 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan **detik** atau **second**)!

CATATAN:

Dapat menggunakan asumsi $1 \text{ Kbit} = 10^3 \text{ bit}$ dan $1 \text{ Mbit} = 10^6 \text{ bit}$ atau $1 \text{ Kbit} = 2^{10} \text{ bit}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: 0.03515625



The correct answer is: 0.018

Question 19

Correct

Mark 1.00 out of 1.00

It is not mandatory for the big Internet Service Providers (ISPs) to be interconnected to each other.

Select one:

- True
- False ✓

Correct, the internet is all about connecting end systems, so the ISPs must also be interconnected to each other.

The correct answer is 'False'.

Question 1

Correct

Mark 1.00 out of 1.00

Teknologi akses internet pada edge network yang membutuhkan panggilan telefon dari modem ke ISP untuk memulai akses internet serta tidak ada pemisahan sinyal telefon dan data adalah:

Select one:

- a. FTTH
- b. Dial ✓
- c. Cable network
- d. DSL

The correct answer is: Dial



Question 2

Correct

Mark 1.00 out of 1.00

Which of the following are most vulnerable to injection attacks?

Select one:

- a. SQL queries based on user input ✓
- b. Session IDs
- c. Network communication
- d. Registry keys

The correct answer is: SQL queries based on user input

Question 3

Incorrect

Mark 0.00 out of 1.00

Who is not among the first initiator of Internet in Indonesia

Select one:

- a. RMS Ibrahim
- b. Johnny G. Plate
- c. Robby Soebiakto
- d. Jos Luhukay ✗

The correct answer is: Johnny G. Plate



Question 4

Correct

Mark 1.00 out of 1.00

The exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

Select one:

- True ✓
- False

Correct, the exchange of messages and the actions taken when these messages are sent and received are the key defining elements of a protocol.

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

Which of the following is a principle of the CIA Triangle that means authorized subjects are granted timely and uninterrupted access to objects?

Select one:

- a. Availability ✓
- b. Encryption
- c. Layering
- d. Identification

The correct answer is: Availability



Question 6

Correct

Mark 1.00 out of 1.00

How do you prevent SQL injection?

Select one:

- a. Interrupt queries
- b. Merge table
- c. Escape queries ✓
- d. All options are true

The correct answer is: Escape queries

Question 7

Correct

Mark 1.00 out of 1.00

Which of the following is not true?

Select one:

- a. Violations of confidentiality can occur when a transmission is not properly encrypted.
- b. Violations of confidentiality include human error.
- c. Violations of confidentiality include management oversight.
- d. Violations of confidentiality are limited to direct intentional attacks. ✓

The correct answer is: Violations of confidentiality are limited to direct intentional attacks.



Question 8

Incorrect

Mark 0.00 out of 1.00

Yang BUKAN merupakan contoh jaringan yang menggunakan circuit switching adalah:

Select one:

- a. jaringan telefon VoIP
- b. jaringan seluler 2G (GSM)
- c. jaringan telefon landline
- d. jaringan SONET (synchronous optical network) X

The correct answer is: jaringan telefon VoIP

Question 9

Correct

Mark 1.00 out of 1.00

Sedangkan IPv6 addressing menggunakan alamat sebanyak bytes

Answer: 16



The correct answer is: 16

Question 10

Incorrect

Mark 0.00 out of 1.00

Yang BUKAN termasuk komponen edge network adalah:

Select one:

- a. Edge router
- b. Core router
- c. IP Phone X
- d. Server

The correct answer is: Core router



Question 11

Partially correct

Mark 3.33 out of 5.00

Pasangkan pernyataan-pernyataan berikut dengan istilah yang tepat

Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima

Transport



Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer

Encapsulation



Layer yang mengatur format penulisan pesan antara pengirim dan penerima

Application



Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link.

Network



Salah satu protokol pada link layer

Ethernet



Salah satu protokol pada network layer

ICMP



Your answer is partially correct.

You have correctly selected 4.

The correct answer is: Layer yang bertanggung jawab untuk menciptakan koneksi logical end-to-end antara pengirim dan penerima → Transport, Sebutan untuk paket pada link layer yang terdiri atas datagram yang dibungkus oleh header pada link layer → Frame, Layer yang mengatur format penulisan pesan antara pengirim dan penerima → Application, Proses yang dilakukan pada pengirim sebelum mengirim paket dengan menambahkan header-header mulai dari layer aplikasi sampai layer link. → Encapsulation, Salah satu protokol pada link layer → Ethernet, Salah satu protokol pada network layer → ICMP



Question 12

Correct

Mark 1.00 out of 1.00

Jenis topologi jaringan dimana setiap node berbagi saluran (kabel) yang sama adalah:

Select one:

- a. Star
- b. Mesh
- c. Ring
- d. Bus ✓

The correct answer is: Bus

Question 13

Correct

Mark 1.00 out of 1.00

Who in 1837 invented the electromagnetic telegraph, which marked the beginning of today's information age?

Select one:

- a. Samuel Morse ✓
- b. Susan B. Anthony
- c. Guglielmo Marconi
- d. Alexander Graham Bell

The correct answer is: Samuel Morse



Question 14

Incorrect

Mark 0.00 out of 2.00

Host A dan Host B dihubungkan oleh 2 link yang masing-masing berjarak **300 km** dan **500 km**. Kedua link ini dihubungkan oleh sebuah packet switch di mana **delay processing** pada packet switch adalah **1 msec** dan **transmission rate** pada tiap link sebesar **1 Mbit/s**. Asumsi tidak ada queueing delay (delay antrian) dan **kecepatan propagasi** pada kedua link tersebut adalah **$2 \times 10^8 \text{ m/s}$** . Berapakah **end-to-end delay** ketika Host A mengirim sebuah **packet** dengan ukuran **4 KByte** ke Host B (dalam **second**)?

CATATAN:

- Dapat menggunakan asumsi $1 \text{ KByte} = 1000 \text{ Byte}$ dan $1 \text{ Mbit} = 1000 \text{ Kbit}$, atau $1 \text{ KByte} = 2^{10} \text{ Byte}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: X

The correct answer is: 0.069

Question 15

Incorrect

Mark 0.00 out of 1.00

Ketika suatu datagram berukuran 3000 bytes akan ditransmisikan pada suatu link yang memiliki MTU sebesar 1500 bytes, maka fragment terakhir dari datagram tersebut memiliki ukuran sebesar bytes

Answer: X

The correct answer is: 40



Question 16

Incorrect

Mark 0.00 out of 1.00

Salah satu perangkat yang dapat digunakan untuk membagi koneksi antar end-device di dalam jaringan lokal adalah:

Select one:

- a. Amplifier
- b. Switch
- c. Router ✗
- d. Modem

The correct answer is: Switch

Question 17

Incorrect

Mark 0.00 out of 1.00

Keuntungan circuit switching jika dibandingkan dengan packet switching adalah:

Select one:

- a. Tidak perlu setup koneksi
- b. Bisa mengakomodasi lebih banyak user ✗
- c. Memungkinkan sharing resource
- d. Tidak terjadi congestion di dalam jaringan

The correct answer is: Tidak terjadi congestion di dalam jaringan



Question 18

Incorrect

Mark 0.00 out of 2.00

Ketika sebuah paket tiba di router, ada 1 paket yang baru setengahnya terkirim dan 4 paket lainnya sedang mengantre di buffer. Paket dikirimkan berdasarkan urutan antrian. Anggap semua paket berukuran 1 KByte dan rate transmisi adalah 2 Mbps. Hitung delay antrian (queuing delay) dari paket yang baru datang tersebut (dalam satuan detik atau second)!

CATATAN:

Dapat menggunakan asumsi $1 \text{ Kbit} = 10^3 \text{ bit}$ dan $1 \text{ Mbit} = 10^6 \text{ bit}$ atau $1 \text{ Kbit} = 2^{10} \text{ bit}$ dan $1 \text{ Mbit} = 2^{20} \text{ bit}$

Answer: X

The correct answer is: 0.018

Question 19

Incorrect

Mark 0.00 out of 1.00

It is not mandatory for the big Internet Service Providers (ISPs) to be interconnected to each other.

Select one:

- True X
- False

I'm sorry, the internet is all about connecting end systems, so the ISPs must also be interconnected to each other.

The correct answer is 'False'.





Started on Friday, 24 September 2021, 8:08 AM

State Finished

Completed on Friday, 24 September 2021, 8:58 AM

Time taken 49 mins 57 secs

Marks 23.00/25.00

Grade 92.00 out of 100.00

Question 1

Correct Mark 1.00 out of 1.00

In the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

Select one:

- True ✓
 False

Correct, in the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

The correct answer is 'True'.

Question 2

Correct

Mark 1.00 out of 1.00

DNS is used to perform load distribution among replicated servers, such as replicated Web servers.

Select one:

- True ✓
- False

Correct, DNS is used to perform load distribution among replicated servers, such as replicated Web servers.

The correct answer is 'True'.

Question 3

Correct

Mark 1.00 out of 1.00

HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

Select one:

- True ✓
- False

Correct, HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

The correct answer is 'True'.

Question 4

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. Third ✓
- b. First
- c. Second
- d. Fourth

The correct answer is: Third

Question 5

Incorrect

Mark 0.00 out of 1.00

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True
- False ✗

I'm sorry, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 6

Correct

Mark 1.00 out of 1.00

While TCP is connectionless, it is reliable data transfer service. Furthermore, UDP utilized handshaking procedures to guarantee the connection.

Select one:

- True
- False ✓

Correct, TCP utilized handshaking procedures to guarantee the connection and it is reliable data transfer service. Furthermore, UDP is connectionless protocol.

The correct answer is 'False'.

Question 7

Correct

Mark 1.00 out of 1.00

DNS translates IP addresses to their underlying hostnames.

Select one:

- True
- False ✓

Correct, DNS translates hostnames to their underlying IP addresses.

The correct answer is 'False'.

Question 8

Correct

Mark 1.00 out of 1.00

Each communicating process is analogous to a house and the process's socket is analogous to a door.

Select one:

- True ✓
- False

Correct, each communicating process is analogous to a house and the process's socket is analogous to a door.

The correct answer is 'True'.

Question 9

Correct

Mark 1.00 out of 1.00

What is the basic function of the nslookup program?

Select one:

- a. To look up only SOA records from a company's database
- b. To probe the DNS database for various types of information ✓
- c. To look up only domain names in the DNS database
- d. To look up only IP addresses in the DNS database

The correct answer is: To probe the DNS database for various types of information

Question 10

Correct

Mark 1.00 out of 1.00

The right to use a domain name is delegated by domain name registers which are accredited by _____

Select one:

- a. Internet architecture board
- b. Internet society
- c. Internet research task force
- d. Internet corporation for assigned names and numbers ✓

The correct answer is: Internet corporation for assigned names and numbers

Question 11

Correct

Mark 1.00 out of 1.00

Processes on two different end systems communicate with each other by exchanging messages across the computer network

Select one:

- True ✓
- False

Correct, processes on two different end systems communicate with each other by exchanging messages across the computer network

The correct answer is 'True'.

Question 12

Correct

Mark 1.00 out of 1.00

The entire hostname has a maximum of _____

Select one:

- a. 63 characters
- b. 31 characters
- c. 255 characters ✓
- d. 127 characters

The correct answer is: 255 characters

Question 13

Correct

Mark 1.00 out of 1.00

Which of the following is present in both an HTTP request line and a status line?

Select one:

- a. Method
- b. None of the options
- c. URL
- d. HTTP version number ✓

The correct answer is: HTTP version number

Question 14

Correct

Mark 1.00 out of 1.00

DNS database contains _____

Select one:

- a. All the options are true ✓
- b. Hostname-to-address records
- c. Name server records
- d. Hostname aliases

The correct answer is: All the options are true

Question 15

Correct

Mark 1.00 out of 1.00

The default connection type used by HTTP is _____

Select one:

- a. Non-persistent
- b. None of the options
- c. Can be either persistent or non-persistent
- d. Persistent ✓

The correct answer is: Persistent

Question 16

Incorrect

Mark 0.00 out of 1.00

Which one of the following is not true?

Select one:

- a. Multiple hostnames may correspond to a single IP address
- b. A single hostname may correspond to a single IP address
- c. A single hostname may correspond to many IP addresses
- d. None of the options 

The correct answer is: A single hostname may correspond to a single IP address

Question 17

Correct

Mark 1.00 out of 1.00

The domain name system is maintained by _____

Select one:

- a. A single server
- b. None of the options
- c. Distributed database system 
- d. A single computer

The correct answer is: Distributed database system

Question 18

Correct Mark 1.00 out of 1.00

DNS is an application-layer protocol that allows hosts to query the distributed database.

Select one:

- True ✓
- False

Correct, DNS is an application-layer protocol that allows hosts to query the distributed database.

The correct answer is 'True'.

Question 19

Correct Mark 1.00 out of 1.00

The conditional GET mechanism

Select one:

- a. None of the options
- b. Helps to keep a cache upto date ✓
- c. Imposes conditions on the objects to be requested
- d. Limits the number of response from a server

The correct answer is: Helps to keep a cache upto date

Question 20

Correct Mark 1.00 out of 1.00

When a socket is created, an identifier, called a port number, is assigned to it.

Select one:

- True ✓
- False

Correct, when a socket is created, an identifier, called a port number, is assigned to it.

The correct answer is 'True'.

Question 21

Correct

Mark 1.00 out of 1.00

In TCP connection, server must attach a destination address to the packet before dropping it into the socket.

Select one:

- True
- False ✓

Correct, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 22

Correct

Mark 1.00 out of 1.00

In HTTP, a _____ server is a computer that keeps copies of responses to recent requests.

Select one:

- a. Both regular and proxy
- b. None of the options
- c. Proxy ✓
- d. Regular

The correct answer is: Proxy

Question 23

Correct

Mark 1.00 out of 1.00

The non-persistent HTTP can place a significant burden to the web server.

Select one:

- True ✓
- False

Correct, the non-persistent HTTP can place a significant burden to the web server for establishing and maintaining the new connections for each requested object.

The correct answer is 'True'.

Question 24

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. PTT
- b. STT
- c. JTT
- d. RTT ✓

The correct answer is: RTT

Question 25

Correct

Mark 1.00 out of 1.00

In the process of fetching a web page from a server the HTTP request/response takes _____ RTTs.

Select one:

- a. 3
- b. 1 ✓
- c. 4
- d. 2

The correct answer is: 1



Question 1 Correct Mark 1.00 out of 1.00

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True ✓
- False

Correct, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 2 Correct Mark 1.00 out of 1.00

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

Select one:

- a. Fourth
- b. First
- c. Second
- d. Third ✓

The correct answer is: Third

Question 3

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. JTT
- b. PTT
- c. RTT ✓
- d. STT

The correct answer is: RTT

Question 4

Incorrect

Mark 0.00 out of 1.00

The default connection type used by HTTP is _____

Select one:

- a. Non-persistent
- b. Can be either persistent or non-persistent ✗
- c. None of the options
- d. Persistent

The correct answer is: Persistent

Question 5

Correct

Mark 1.00 out of 1.00

The values GET, POST, HEAD etc are specified in _____ of HTTP message

Select one:

- a. Status line
- b. Request line ✓
- c. Header line
- d. Entity line

The correct answer is: Request line

Question 6

Incorrect

Mark 0.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True ✗
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 7

Correct

Mark 1.00 out of 1.00

DNS database contains _____

Select one:

- a. All the options are true ✓
- b. Hostname aliases
- c. Name server records
- d. Hostname-to-address records

The correct answer is: All the options are true

Question 8

Incorrect

Mark 0.00 out of 1.00

Which one of the following is not true?

Select one:

- a. None of the options X
- b. Multiple hostnames may correspond to a single IP address
- c. A single hostname may correspond to many IP addresses
- d. A single hostname may correspond to a single IP address

The correct answer is: A single hostname may correspond to a single IP address

Question 9

Correct

Mark 1.00 out of 1.00

Which of the following is not correct?

Select one:

- a. Web cache might reduce the response time
- b. Web cache contains copies of recently requested objects
- c. Web cache can act both like server and client
- d. Web cache doesn't have its own disk space ✓

The correct answer is: Web cache doesn't have its own disk space

Question 10

Correct

Mark 1.00 out of 1.00

The entire hostname has a maximum of _____

Select one:

- a. 255 characters ✓
- b. 63 characters
- c. 127 characters
- d. 31 characters

The correct answer is: 255 characters

Question 11

Incorrect

Mark 0.00 out of 1.00

SMTP encapsulates each object in its own SMTP response message.

Select one:

- True 
- False

I'm sorry, SMTP places all of the message's objects into one message.

The correct answer is 'False'.

Question 12

Correct

Mark 1.00 out of 1.00

In SMTP, the command to write receiver's mail address is written with the command _____

Select one:

- a. RCPT TO 
- b. MAIL TO
- c. SEND TO
- d. RCVR TO

The correct answer is: RCPT TO

Question 13

Correct

Mark 1.00 out of 1.00

Internet mail places each object in _____

Select one:

- a. Multiple messages for each object
- b. Varies with number of objects
- c. One message 
- d. Separate messages for each object

The correct answer is: One message

Question 14

Correct

Mark 1.00 out of 1.00

When the mail server sends mail to other mail servers it becomes _____

Select one:

- a. SMTP client ✓
- b. Peer
- c. Master
- d. SMTP server

The correct answer is: SMTP client

Question 15

Correct

Mark 1.00 out of 1.00

Typically the TCP port used by SMTP is _____

Select one:

- a. 50
- b. 35
- c. 15
- d. 25 ✓

The correct answer is: 25

Question 1 Correct Mark 1.00 out of 1.00

Flag question

A registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

Select one:

 True ✓ False

Correct, a registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

The correct answer is 'True'.

Question 2 Correct Mark 1.00 out of 1.00

Remove flag

What is the basic function of the nslookup program?

Select one:

- a. To look up only SOA records from a company's database
- b. To look up only IP addresses in the DNS database
- c. To probe the DNS database for various types of information ✓
- d. To look up only domain names in the DNS database

The correct answer is: To probe the DNS database for various types of information

Question 3 Correct Mark 1.00 out of 1.00

Flag question

The _____ method when used in the method field, leaves entity body empty.

Select one:

- a. POST
- b. GET ✓
- c. SEND
- d. PUT

The correct answer is: GET

Question 4 Correct Mark 1.00 out of 1.00

Remove flag

A process sends messages into, and receives messages from, the network through a hardware interface called a socket.

Select one:

- True
- False ✓

Correct, a process sends messages into, and receives messages from, the network through a software interface called a socket.

The correct answer is 'False'.

Question 5 Correct Mark 1.00 out of 1.00

Flag question

Each communicating process is analogous to a house and the process's socket is analogous to a door.

Select one:

- True ✓
- False

Correct, each communicating process is analogous to a house and the process's socket is analogous to a door.

The correct answer is 'True'.

Question 6 Correct Mark 1.00 out of 1.00

Flag question

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

Select one:

- a. STT
- b. JTT
- c. RTT ✓
- d. PTT

The correct answer is: RTT

Question 7 Correct Mark 1.00 out of 1.00

Flag question

HTTP version 1.1 specifies a _____ connection by default.

Select one:

- a. Persistent ✓
- b. Non-persistent
- c. Both persistent and non-persistent
- d. None of the options

The correct answer is: Persistent

Question 8 Correct Mark 1.00 out of 1.00

Flag question

In the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

Select one:

- True ✓
- False

Correct, in the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

The correct answer is 'True'.

Question 9 Correct Mark 1.00 out of 1.00

Flag question

In TCP connection, server must attach a destination address to the packet before dropping it into the socket.

Select one:

- True
- False ✓

Correct, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 10 Correct Mark 1.00 out of 1.00

Flag question

The domain name system is maintained by _____

Select one:

- a. A single computer
- b. None of the options
- c. Distributed database system ✓
- d. A single server

The correct answer is: Distributed database system

Question 11 Correct Mark 1.00 out of 1.00

Flag question

When a socket is created, an identifier, called a port number, is assigned to it.

Select one:

- True ✓
- False

Correct, when a socket is created, an identifier, called a port number, is assigned to it.

The correct answer is 'True'.

Question 12 Correct Mark 1.00 out of 1.00

Flag question

Processes on two different end systems communicate with each other by exchanging messages across the computer network

Select one:

- True ✓
- False

Correct, processes on two different end systems communicate with each other by exchanging messages across the computer network

The correct answer is 'True'.

Question 13 Correct Mark 1.00 out of 1.00

Flag question

DNS translates IP addresses to their underlying hostnames.

Select one:

- True
- False ✓

Correct, DNS translates hostnames to their underlying IP addresses.

The correct answer is 'False'.

Question 14 Correct Mark 1.00 out of 1.00

Flag question

The default connection type used by HTTP is _____

Select one:

- a. None of the options
- b. Can be either persistent or non-persistent
- c. Non-persistent
- d. Persistent ✓

The correct answer is: Persistent

Question 15 Correct Mark 1.00 out of 1.00

Flag question

If a server has no clue about where to find the address for a hostname then _____

Select one:

- True ✓
- False

Correct, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 16 Correct Mark 1.00 out of 1.00

Flag question

The Hypertext Transfer Protocol (HTTP) uses the service of TCP on _____

Select one:

- a. port 83
- b. port 81
- c. port 82
- d. port 80 ✓

The correct answer is: port 80

Question 17 Correct Mark 1.00 out of 1.00

Flag question

HTTP server maintains all information about the clients.

Select one:

- True ✓
- False

Correct, HTTP server maintains no information about the clients

The correct answer is 'False'.

Question 18 Correct Mark 1.00 out of 1.00

Flag question

The right to use a domain name is delegated by domain name registers which are accredited by _____

Select one:

- a. Internet research task force
- b. Internet society
- c. Internet corporation for assigned names and numbers ✓
- d. Internet architecture board

The correct answer is: Internet corporation for assigned names and numbers

Question 19 Correct Mark 1.00 out of 1.00

Flag question

Host can only be identified either by hostname or IP address.

Select one:

- True ✓
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 20 Correct Mark 1.00 out of 1.00

Flag question

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True ✓
- False

I'm sorry, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 21 Correct Mark 1.00 out of 1.00

Flag question

The HTTP response message leaves out the requested object when _____ method is used

Select one:

- a. POST
- b. PUT
- c. HEAD ✓
- d. GET

The correct answer is: HEAD

Question 22 Correct Mark 1.00 out of 1.00

Flag question

HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

Select one:

- True ✓
- False

Correct, HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

The correct answer is 'True'.

Question 23 Correct Mark 1.00 out of 1.00

Flag question

Which of the following is not correct?

Select one:

- a. Web cache might reduce the response time
- b. Web cache contains copies of recently requested objects
- c. Web cache can act both like server and client
- d. Web cache doesn't have its own disk space ✓

The correct answer is: Web cache doesn't have its own disk space

Question 24 Correct Mark 1.00 out of 1.00

Flag question

The conditional GET mechanism

Select one:

- a. Limits the number of responses from a server
- b. Helps to keep a cache upto date ✓
- c. None of the options
- d. Imposes conditions on the objects to be requested

The correct answer is: Helps to

Started on Friday, 24 September 2021, 8:00 AM

State Finished

Completed on Friday, 24 September 2021, 8:49 AM

Time taken 48 mins 51 secs

Marks 21.00/25.00

Grade 84.00 out of 100.00

Question 1 Correct Mark 1.00 out of 1.00

The values GET, POST, HEAD etc are specified in _____ of HTTP message

Select one:

- a. Header line
- b. Entity line
- c. Request line ✓
- d. Status line

The correct answer is: Request line

Question 2 Correct Mark 1.00 out of 1.00

If a server has no clue about where to find the address for a hostname then _____

Select one:

- a. Server asks to the root server ✓
- b. Request is not processed
- c. None of the options
- d. Server asks to its adjacent server

The correct answer is: Server asks to the root server

Question 3

Correct

Mark 1.00 out of 1.00

HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

Select one:

- True ✓
- False

Correct, HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

The correct answer is 'True'.

Question 4

Correct

Mark 1.00 out of 1.00

Processes on two different end systems communicate with each other by exchanging messages across the computer network

Select one:

- True ✓
- False

Correct, processes on two different end systems communicate with each other by exchanging messages across the computer network

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

When a socket is created, an identifier, called a port number, is assigned to it.

Select one:

- True ✓
- False

Correct, when a socket is created, an identifier, called a port number, is assigned to it.

The correct answer is 'True'.

Question 6

Correct

Mark 1.00 out of 1.00

The conditional GET mechanism

Select one:

- a. None of the options
- b. Imposes conditions on the objects to be requested
- c. Helps to keep a cache upto date ✓
- d. Limits the number of response from a server

The correct answer is: Helps to keep a cache upto date

Question 7

Incorrect

Mark 0.00 out of 1.00

Which one of the following is not true?

Select one:

- a. A single hostname may correspond to a single IP address
- b. Multiple hostnames may correspond to a single IP address
- c. None of the options ✗
- d. A single hostname may correspond to many IP addresses

The correct answer is: A single hostname may correspond to a single IP address

Question 8

Correct

Mark 1.00 out of 1.00

What is the basic function of the nslookup program?

Select one:

- a. To probe the DNS database for various types of information ✓
- b. To look up only IP addresses in the DNS database
- c. To look up only SOA records from a company's database
- d. To look up only domain names in the DNS database

The correct answer is: To probe the DNS database for various types of information

Question 9

Correct

Mark 1.00 out of 1.00

DNS is used to perform load distribution among replicated servers, such as replicated Web servers.

Select one:

- True ✓
- False

Correct, DNS is used to perform load distribution among replicated servers, such as replicated Web servers.

The correct answer is 'True'.

Question 10

Correct

Mark 1.00 out of 1.00

HTTP version 1.1 specifies a _____ connection by default.

Select one:

- a. None of the options
- b. Non-persistent
- c. Both persistent and non-persistent
- d. Persistent ✓

The correct answer is: Persistent

Question 11

Correct

Mark 1.00 out of 1.00

HTTP server maintains all information about the clients.

Select one:

- True
- False ✓

Correct, HTTP server maintains no information about the clients

The correct answer is 'False'.

Question 12

Correct

Mark 1.00 out of 1.00

Which of the following is not correct?

Select one:

- a. Web cache contains copies of recently requested objects
- b. Web cache doesn't have its own disk space ✓
- c. Web cache can act both like server and client
- d. Web cache might reduce the response time

The correct answer is: Web cache doesn't have its own disk space

Question 13

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. RTT ✓
- b. JTT
- c. PTT
- d. STT

The correct answer is: RTT

Question 14

Correct

Mark 1.00 out of 1.00

A registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

Select one:

- True ✓
- False

Correct, a registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

The correct answer is 'True'.

Question 15

Incorrect

Mark 0.00 out of 1.00

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True
- False ✗

I'm sorry, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 16

Correct

Mark 1.00 out of 1.00

The HTTP response message leaves out the requested object when _____ method is used

Select one:

- a. GET
- b. HEAD ✓
- c. POST
- d. PUT

The correct answer is: HEAD

Question 17

Correct

Mark 1.00 out of 1.00

The Hypertext Transfer Protocol (HTTP) uses the service of TCP on

Select one:

- a. port 82
- b. port 80 ✓
- c. port 83
- d. port 81

The correct answer is: port 80

Question 18

Correct

Mark 1.00 out of 1.00

A DNS client is called _____

Select one:

- a. DNS resolver ✓
- b. DNS handler
- c. None of the options
- d. DNS updater

The correct answer is: DNS resolver

Question 19

Correct

Mark 1.00 out of 1.00

In the client-server architecture, clients directly communicate with each other.

Select one:

- True
- False ✓

Correct, in the client-server architecture, clients do not directly communicate with each other.

The correct answer is 'False'.

Question 20

Correct

Mark 1.00 out of 1.00

The _____ method when used in the method field, leaves entity body empty.

Select one:

- a. SEND
- b. POST
- c. GET ✓
- d. PUT

The correct answer is: GET

Question 21

Correct

Mark 1.00 out of 1.00

After creating its socket, the client initiates a three-way handshake and establishes a TCP connection with the server.

Select one:

- True ✓
- False

Correct, after creating its socket, the client initiates a three-way handshake and establishes a TCP connection with the server.

The correct answer is 'True'.

Question 22

Incorrect

Mark 0.00 out of 1.00

UDP application code attaches the source and destination addresses to the packet sent.

Select one:

- True ✗
- False

I'm sorry, UDP application codes attach the destination address to the packet sent while underlying operating systems attach the source address.

The correct answer is 'False'.

Question 23

Correct

Mark 1.00 out of 1.00

The right to use a domain name is delegated by domain name registers which are accredited by _____

Select one:

- a. Internet society
- b. Internet corporation for assigned names and numbers ✓
- c. Internet architecture board
- d. Internet research task force

The correct answer is: Internet corporation for assigned names and numbers

Question 24

Correct

Mark 1.00 out of 1.00

A process sends messages into, and receives messages from, the network through a hardware interface called a socket.

Select one:

- True
- False ✓

Correct, a process sends messages into, and receives messages from, the network through a software interface called a socket.

The correct answer is 'False'.

Question 25

Incorrect

Mark 0.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True 
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 1 Correct Mark 1.00 out of 1.00

While TCP is connectionless, it is reliable data transfer service. Furthermore, UDP utilized handshaking procedures to guarantee the connection.

Select one:

- True
- False ✓

Correct, TCP utilized handshaking procedures to guarantee the connection and it is reliable data transfer service. Furthermore, UDP is connectionless protocol.

The correct answer is 'False'.

Question 2 Correct Mark 1.00 out of 1.00

HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

Select one:

- True ✓
- False

Correct, HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

The correct answer is 'True'.

Question 3

Incorrect

Mark 0.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True 
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 4

Correct

Mark 1.00 out of 1.00

In TCP connection, server must attach a destination address to the packet before dropping it into the socket.

Select one:

- True
- False 

Correct, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 5

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. STT
- b. RTT ✓
- c. JTT
- d. PTT

The correct answer is: RTT

Question 6

Incorrect

Mark 0.00 out of 1.00

The default connection type used by HTTP is _____

Select one:

- a. Can be either persistent or non-persistent ✗
- b. Persistent
- c. Non-persistent
- d. None of the options

The correct answer is: Persistent

Question 7

Correct

Mark 1.00 out of 1.00

DNS translates IP addresses to their underlying hostnames.

Select one:

- True
- False ✓

Correct, DNS translates hostnames to their underlying IP addresses.

The correct answer is 'False'.

Question 8

Correct

Mark 1.00 out of 1.00

A proxy server is both a server and a client at the same time.

Select one:

- True ✓
- False

Correct, a proxy server is both a server when receiving a request from browser and a client when sending the requests to an origin server at the same time.

The correct answer is 'True'.

Question 9

Correct

Mark 1.00 out of 1.00

A process sends messages into, and receives messages from, the network through a hardware interface called a socket.

Select one:

- True
- False ✓

Correct, a process sends messages into, and receives messages from, the network through a software interface called a socket.

The correct answer is 'False'.

Question 10

Incorrect

Mark 0.00 out of 1.00

After creating its socket, the client initiates a three-way handshake and establishes a TCP connection with the server.

Select one:

- True
- False ✗

I'm sorry, after creating its socket, the client initiates a three-way handshake and establishes a TCP connection with the server.

The correct answer is 'True'.

Question 11

Correct

Mark 1.00 out of 1.00

In HTTP, a _____ server is a computer that keeps copies of responses to recent requests.

Select one:

- a. Both regular and proxy
- b. Proxy ✓
- c. Regular
- d. None of the options

The correct answer is: Proxy

Question 12

Correct

Mark 1.00 out of 1.00

UDP application code attaches the source and destination addresses to the packet sent.

Select one:

- True
- False ✓

Correct, UDP application codes attach the destination address to the packet sent while underlying operating systems attach the source address.

The correct answer is 'False'.

Question 13

Correct

Mark 1.00 out of 1.00

The right to use a domain name is delegated by domain name registers which are accredited by _____

Select one:

- a. Internet architecture board
- b. Internet research task force
- c. Internet corporation for assigned names and numbers ✓
- d. Internet society

The correct answer is: Internet corporation for assigned names and numbers

Question 14

Correct

Mark 1.00 out of 1.00

What is the basic function of the nslookup program?

Select one:

- a. To look up only IP addresses in the DNS database
- b. To probe the DNS database for various types of information ✓
- c. To look up only domain names in the DNS database
- d. To look up only SOA records from a company's database

The correct answer is: To probe the DNS database for various types of information

Question 15

Correct

Mark 1.00 out of 1.00

The non-persistent HTTP can place a significant burden to the web server.

Select one:

- True ✓
- False

Correct, the non-persistent HTTP can place a significant burden to the web server for establishing and maintaining the new connections for each requested object.

The correct answer is 'True'.

Question 16

Correct

Mark 1.00 out of 1.00

The HTTP response message leaves out the requested object when _____ method is used

Select one:

- a. PUT
- b. POST
- c. HEAD ✓
- d. GET

The correct answer is: HEAD

Question 17

Incorrect

Mark 0.00 out of 1.00

Which one of the following is not true?

Select one:

- a. None of the options
- b. Multiple hostnames may correspond to a single IP address
- c. A single hostname may correspond to many IP addresses ✗
- d. A single hostname may correspond to a single IP address

The correct answer is: A single hostname may correspond to a single IP address

Question 18

Correct

Mark 1.00 out of 1.00

If a server has no clue about where to find the address for a hostname then _____

Select one:

- a. Server asks to the root server ✓
- b. Server asks to its adjacent server
- c. Request is not processed
- d. None of the options

The correct answer is: Server asks to the root server

Question 19

Correct

Mark 1.00 out of 1.00

Which of the following is not correct?

Select one:

- a. Web cache might reduce the response time
- b. Web cache can act both like server and client
- c. Web cache contains copies of recently requested objects
- d. Web cache doesn't have its own disk space ✓

The correct answer is: Web cache doesn't have its own disk space

Question 20

Correct

Mark 1.00 out of 1.00

The _____ method when used in the method field, leaves entity body empty.

Select one:

- a. PUT
- b. GET ✓
- c. SEND
- d. POST

The correct answer is: GET

Question 21

Correct

Mark 1.00 out of 1.00

A registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

Select one:

- True ✓
- False

Correct, a registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

The correct answer is 'True'.

Question 22

Correct

Mark 1.00 out of 1.00

The domain name system is maintained by _____

Select one:

- a. A single server
- b. None of the options
- c. Distributed database system ✓
- d. A single computer

The correct answer is: Distributed database system

Question 23

Correct

Mark 1.00 out of 1.00

In the client-server architecture, clients directly communicate with each other.

Select one:

- True
- False ✓

Correct, in the client-server architecture, clients do not directly communicate with each other.

The correct answer is 'False'.

Question 24

Correct

Mark 1.00 out of 1.00

The conditional GET mechanism

Select one:

- a. Imposes conditions on the objects to be requested
- b. None of the options
- c. Limits the number of response from a server
- d. Helps to keep a cache upto date ✓

The correct answer is: Helps to keep a cache upto date

Question 25

Correct

Mark 1.00 out of 1.00

The Hypertext Transfer Protocol (HTTP) uses the service of TCP on

Select one:

- a. port 82
- b. port 83
- c. port 80 ✓
- d. port 81

The correct answer is: port 80



Started on Friday, 24 September 2021, 8:01 AM

State Finished

Completed on Friday, 24 September 2021, 8:48 AM

Time taken 47 mins 30 secs

Marks

Grade

Question 1

Correct Mark 1.00 out of 1.00

After creating its socket, the client initiates a three-way handshake and establishes a TCP connection with the server.

Select one:

- True ✓
 False

Correct, after creating its socket, the client initiates a three-way handshake and establishes a TCP connection with the server.

The correct answer is 'True'.

Question 2

Correct

Mark 1.00 out of 1.00

While TCP is connectionless, it is reliable data transfer service. Furthermore, UDP utilized handshaking procedures to guarantee the connection.

Select one:

- True
- False ✓

Correct, TCP utilized handshaking procedures to guarantee the connection and it is reliable data transfer service. Furthermore, UDP is connectionless protocol.

The correct answer is 'False'.

Question 3

Correct

Mark 1.00 out of 1.00

A registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

Select one:

- True ✓
- False

Correct, a registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

The correct answer is 'True'.

Question 4

Incorrect

Mark 0.00 out of 1.00

DNS translates IP addresses to their underlying hostnames.

Select one:

- True ✗
- False

I'm sorry, DNS translates hostnames to their underlying IP addresses.

The correct answer is 'False'.

Question 5

Correct

Mark 1.00 out of 1.00

The Hypertext Transfer Protocol (HTTP) uses the service of TCP on

Select one:

- a. port 82
- b. port 81
- c. port 83
- d. port 80 ✓

The correct answer is: port 80

Question 6

Correct

Mark 1.00 out of 1.00

The domain name system is maintained by _____

Select one:

- a. Distributed database system ✓
- b. None of the options
- c. A single server
- d. A single computer

The correct answer is: Distributed database system

Question 7

Correct

Mark 1.00 out of 1.00

A process sends messages into, and receives messages from, the network through a hardware interface called a socket.

Select one:

- True
- False ✓

Correct, a process sends messages into, and receives messages from, the network through a software interface called a socket.

The correct answer is 'False'.

Question 8

Correct

Mark 1.00 out of 1.00

In the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

Select one:

- True ✓
- False

Correct, in the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

The correct answer is 'True'.

Question 9

Correct

Mark 1.00 out of 1.00

The values GET, POST, HEAD etc are specified in _____ of HTTP message

Select one:

- a. Header line
- b. Entity line
- c. Request line ✓
- d. Status line

The correct answer is: Request line

Question 10

Correct

Mark 1.00 out of 1.00

DNS database contains _____

Select one:

- a. Hostname aliases
- b. Hostname-to-address records
- c. All the options are true ✓
- d. Name server records

The correct answer is: All the options are true

Question 11

Incorrect

Mark 0.00 out of 1.00

UDP application code attaches the source and destination addresses to the packet sent.

Select one:

- True ✗
- False

I'm sorry, UDP application codes attach the destination address to the packet sent while underlying operating systems attach the source address.

The correct answer is 'False'.

Question 12

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. JTT
- b. STT
- c. PTT
- d. RTT ✓

The correct answer is: RTT

Question 13

Correct

Mark 1.00 out of 1.00

If a server has no clue about where to find the address for a hostname then _____

Select one:

- a. Server asks to its adjacent server
- b. None of the options
- c. Request is not processed
- d. Server asks to the root server ✓

The correct answer is: Server asks to the root server

Question 14

Incorrect

Mark 0.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True ✗
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 15

Incorrect

Mark 0.00 out of 1.00

When a socket is created, an identifier, called a port number, is assigned to it.

Select one:

- True
- False X

I'm sorry, when a socket is created, an identifier, called a port number, is assigned to it.

The correct answer is 'True'.

Question 16

Correct

Mark 1.00 out of 1.00

The _____ method when used in the method field, leaves entity body empty.

Select one:

- a. PUT
- b. GET ✓
- c. POST
- d. SEND

The correct answer is: GET

Question 17

Correct

Mark 1.00 out of 1.00

What is the basic function of the nslookup program?

Select one:

- a. To look up only IP addresses in the DNS database
- b. To look up only domain names in the DNS database
- c. To probe the DNS database for various types of information ✓
- d. To look up only SOA records from a company's database

The correct answer is: To probe the DNS database for various types of information

Question 18

Correct

Mark 1.00 out of 1.00

A proxy server is both a server and a client at the same time.

Select one:

- True ✓
- False

Correct, a proxy server is both a server when receiving a request from browser and a client when sending the requests to an origin server at the same time.

The correct answer is 'True'.

Question 19

Correct

Mark 1.00 out of 1.00

In HTTP, a _____ server is a computer that keeps copies of responses to recent requests.

Select one:

- a. Both regular and proxy
- b. Proxy ✓
- c. Regular
- d. None of the options

The correct answer is: Proxy

Question 20

Correct

Mark 1.00 out of 1.00

The HTTP response message leaves out the requested object when _____ method is used

Select one:

- a. HEAD ✓
- b. GET
- c. PUT
- d. POST

The correct answer is: HEAD

Question 21

Correct

Mark 1.00 out of 1.00

The default connection type used by HTTP is _____

Select one:

- a. Can be either persistent or non-persistent
- b. None of the options
- c. Non-persistent
- d. Persistent ✓

The correct answer is: Persistent

Question 22

Correct

Mark 1.00 out of 1.00

The non-persistent HTTP can place a significant burden to the web server.

Select one:

- True ✓
- False

Correct, the non-persistent HTTP can place a significant burden to the web server for establishing and maintaining the new connections for each requested object.

The correct answer is 'True'.

Question 23

Correct

Mark 1.00 out of 1.00

Which of the following is not correct?

Select one:

- a. Web cache contains copies of recently requested objects
- b. Web cache doesn't have its own disk space ✓
- c. Web cache might reduce the response time
- d. Web cache can act both like server and client

The correct answer is: Web cache doesn't have its own disk space

Question 24

Correct

Mark 1.00 out of 1.00

A DNS client is called _____

Select one:

- a. DNS handler
- b. DNS updater
- c. None of the options
- d. DNS resolver ✓

The correct answer is: DNS resolver

Question 25

Correct

Mark 1.00 out of 1.00

HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

Select one:

- True ✓
- False

Correct, HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

The correct answer is 'True'.

Started on Tuesday, 28 September 2021, 2:12 PM
State Finished
Completed on Tuesday, 28 September 2021, 2:57 PM
Time taken 44 mins 47 secs
Marks 21.00/24.00
Grade 87.50 out of 100.00

Question 1 Correct Mark 1.00 out of 1.00

UDP application code attaches the source and destination addresses to the packet sent.

Select one:

- True
- False ✓

Correct, UDP application codes attach the destination address to the packet sent while underlying operating systems attach the source address.

The correct answer is 'False'.

Question 2 Correct Mark 1.00 out of 1.00

SMTP encapsulates each object in its own SMTP response message.

Select one:

- True
- False ✓

Correct, SMTP places all of the message's objects into one message.

The correct answer is 'False'.

Question 3 Correct Mark 1.00 out of 1.00

The _____ method when used in the method field, leaves entity body empty.

Select one:

- a. SEND
- b. POST
- c. PUT
- d. GET ✓

The correct answer is: GET

Question 4

Correct Mark 1.00 out of 1.00

Processes on two different end systems communicate with each other by exchanging messages across the computer network

Select one:

- True ✓
- False

Correct, processes on two different end systems communicate with each other by exchanging messages across the computer network

The correct answer is 'True'.

Question 5

Correct Mark 1.00 out of 1.00

Gmail, Yahoo!, and Hotmail, utilize HTTP protocol for sending and accessing the email.

Select one:

- True ✓
- False

Correct, Gmail, Yahoo!, and Hotmail, utilize HTTP protocol for sending and accessing the email.

The correct answer is 'True'.

Question 6

Correct Mark 1.00 out of 1.00

DNS is used to perform load distribution among replicated servers, such as replicated Web servers.

Select one:

- True ✓
- False

Correct, DNS is used to perform load distribution among replicated servers, such as replicated Web servers.

The correct answer is 'True'.

Question 7

Correct Mark 1.00 out of 1.00

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True ✓
- False

Correct, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 8

Correct Mark 1.00 out of 1.00

In the client-server architecture, clients directly communicate with each other.

Select one:

- True
- False ✓

Correct, in the client-server architecture, clients do not directly communicate with each other.

The correct answer is 'False'.

Question 9

Correct Mark 1.00 out of 1.00

In HTTP, a _____ server is a computer that keeps copies of responses to recent requests.

Select one:

- a. None of the options
- b. Both regular and proxy
- c. Regular
- d. Proxy ✓

The correct answer is: Proxy

Question 10

Incorrect Mark 0.00 out of 1.00

In the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

Select one:

- True
- False ✗

I'm sorry, in the P2P architecture, the application exploits direct communication between pairs of intermittently connected hosts.

The correct answer is 'True'.

Question 11

Correct Mark 1.00 out of 1.00

The domain name system is maintained by _____

Select one:

- a. A single server
- b. None of the options
- c. A single computer
- d. Distributed database system ✓

The correct answer is: Distributed database system

Question 12

Correct Mark 1.00 out of 1.00

User agent does not support this _____

Select one:

- a. Routing messages ✓
- b. Replying messages
- c. Composing messages
- d. Reading messages

The correct answer is: Routing messages

Question 13

Correct Mark 1.00 out of 1.00

The values GET, POST, HEAD etc are specified in _____ of HTTP message

Select one:

- a. Request line ✓
- b. Header line
- c. Entity line
- d. Status line

The correct answer is: Request line

Question 14

Correct Mark 1.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True
- False ✓

Correct, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 15

Correct Mark 1.00 out of 1.00

POP3 protocol creates remote folder in the mail server and associates any arrived messages into specific folder.

Select one:

- True
- False ✓

Correct, SMTP protocol creates remote folder in the mail server and associates any arrived messages into specific folder.

The correct answer is 'False'.

Question 16

Correct Mark 1.00 out of 1.00

Typically the TCP port used by SMTP is _____

Select one:

- a. 50
- b. 25 ✓
- c. 35
- d. 15

The correct answer is: 25

Question 17

Incorrect Mark 0.00 out of 1.00

In TCP connection, server must attach a destination address to the packet before dropping it into the socket.

Select one:

- True ✗
- False

I'm sorry, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 18

Correct Mark 1.00 out of 1.00

If a server has no clue about where to find the address for a hostname then _____

Select one:

- a. Request is not processed
- b. Server asks to the root server ✓
- c. Server asks to its adjacent server
- d. None of the options

The correct answer is: Server asks to the root server

Question 19

Correct Mark 1.00 out of 1.00

The peers keep track of the tracker that are participating in the torrent

Select one:

- True
- False ✓

Correct, the tracker keeps track of the peers that are participating in the torrent

The correct answer is 'False'.

Question 20

Correct Mark 1.00 out of 1.00

DNS database contains _____

Select one:

- a. Hostname-to-address records
- b. Hostname aliases
- c. All the options are true ✓
- d. Name server records

The correct answer is: All the options are true

Question 21

Incorrect Mark 0.00 out of 1.00

The choking mechanism is a tit-for-tat incentive scheme for the peers within the torrent.

Select one:

- True
- False ✗

I'm sorry, the choking mechanism is a tit-for-tat incentive scheme for the peers within the torrent.

The correct answer is 'True'.

Question 22

Correct Mark 1.00 out of 1.00

Choose the statement which is wrong incase of SMTP?

Select one:

- a. It transfers files from one mail server to another mail server
- b. It requires message to be in 7bit ASCII format
- c. It is a pull protocol ✓
- d. SMTP is responsible for the transmission of the mail through the internet

The correct answer is: It is a pull protocol

Question 23

Correct Mark 1.00 out of 1.00

Each communicating process is analogous to a house and the process's socket is analogous to a door.

Select one:

- True ✓
- False

Correct, each communicating process is analogous to a house and the process's socket is analogous to a door.

The correct answer is 'True'.

Question 24

Correct Mark 1.00 out of 1.00

HTTP server maintains all information about the clients.

Select one:

- True
- False ✓

Correct, HTTP server maintains no information about the clients

The correct answer is 'False'.



Started on Friday, 24 September 2021, 8:01 AM

State Finished

Completed on Friday, 24 September 2021, 8:51 AM

Time taken 48 mins 19 secs

Marks 23.00/25.00

Grade 92.00 out of 100.00

Question 1

Correct Mark 1.00 out of 1.00

While TCP is connectionless, it is reliable data transfer service. Furthermore, UDP utilized handshaking procedures to guarantee the connection.

Select one:

- True
- False ✓

Correct, TCP utilized handshaking procedures to guarantee the connection and it is reliable data transfer service. Furthermore, UDP is connectionless protocol.

The correct answer is 'False'.

Question 2

Correct

Mark 1.00 out of 1.00

DNS database contains _____

Select one:

- a. All the options are true ✓
- b. Name server records
- c. Hostname aliases
- d. Hostname-to-address records

The correct answer is: All the options are true

Question 3

Correct

Mark 1.00 out of 1.00

The HTTP response message leaves out the requested object when _____ method is used

Select one:

- a. PUT
- b. HEAD ✓
- c. GET
- d. POST

The correct answer is: HEAD

Question 4

Correct

Mark 1.00 out of 1.00

The domain name system is maintained by _____

Select one:

- a. A single server
- b. None of the options
- c. Distributed database system ✓
- d. A single computer

The correct answer is: Distributed database system

Question 5

Correct

Mark 1.00 out of 1.00

The default connection type used by HTTP is _____

Select one:

- a. Can be either persistent or non-persistent
- b. Non-persistent
- c. None of the options
- d. Persistent ✓

The correct answer is: Persistent

Question 6

Correct

Mark 1.00 out of 1.00

HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

Select one:

- True ✓
- False

Correct, HTTP defines how Web clients request Web pages from Web servers and how servers transfer Web pages to clients.

The correct answer is 'True'.

Question 7

Correct

Mark 1.00 out of 1.00

What is the basic function of the nslookup program?

Select one:

- a. To look up only SOA records from a company's database
- b. To probe the DNS database for various types of information ✓
- c. To look up only domain names in the DNS database
- d. To look up only IP addresses in the DNS database

The correct answer is: To probe the DNS database for various types of information

Question 8

Correct

Mark 1.00 out of 1.00

In HTTP, a _____ server is a computer that keeps copies of responses to recent requests.

Select one:

- a. Regular
- b. Both regular and proxy
- c. None of the options
- d. Proxy ✓

The correct answer is: Proxy

Question 9

Correct

Mark 1.00 out of 1.00

In TCP connection, server must attach a destination address to the packet before dropping it into the socket.

Select one:

- True
- False ✓

Correct, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 10

Incorrect

Mark 0.00 out of 1.00

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True
- False 

I'm sorry, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 11

Correct

Mark 1.00 out of 1.00

The right to use a domain name is delegated by domain name registers which are accredited by _____

Select one:

- a. Internet corporation for assigned names and numbers 
- b. Internet society
- c. Internet research task force
- d. Internet architecture board

The correct answer is: Internet corporation for assigned names and numbers

Question 12

Correct

Mark 1.00 out of 1.00

DNS is an application-layer protocol that allows hosts to query the distributed database.

Select one:

- True ✓
- False

Correct, DNS is an application-layer protocol that allows hosts to query the distributed database.

The correct answer is 'True'.

Question 13

Incorrect

Mark 0.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True ✗
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 14

Correct Mark 1.00 out of 1.00

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

Select one:

- a. JTT
- b. PTT
- c. RTT ✓
- d. STT

The correct answer is: RTT

Question 15

Correct Mark 1.00 out of 1.00

A DNS client is called _____

Select one:

- a. DNS resolver ✓
- b. None of the options
- c. DNS handler
- d. DNS updater

The correct answer is: DNS resolver

Question 16

Correct

Mark 1.00 out of 1.00

The Hypertext Transfer Protocol (HTTP) uses the service of TCP on

Select one:

- a. port 82
- b. port 83
- c. port 80 ✓
- d. port 81

The correct answer is: port 80

Question 17

Correct

Mark 1.00 out of 1.00

If a server has no clue about where to find the address for a hostname then _____

Select one:

- a. None of the options
- b. Server asks to its adjacent server
- c. Request is not processed
- d. Server asks to the root server ✓

The correct answer is: Server asks to the root server

Question 18

Correct Mark 1.00 out of 1.00

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

Select one:

- a. First
- b. Fourth
- c. Second
- d. Third ✓

The correct answer is: Third

Question 19

Correct Mark 1.00 out of 1.00

HTTP server maintains all information about the clients.

Select one:

- True
- False ✓

Correct, HTTP server maintains no information about the clients

The correct answer is 'False'.

Question 20

Correct Mark 1.00 out of 1.00

HTTP version 1.1 specifies a _____ connection by default.

Select one:

- a. Both persistent and non-persistent
- b. Non-persistent
- c. Persistent ✓
- d. None of the options

The correct answer is: Persistent

Question 21

Correct Mark 1.00 out of 1.00

Each communicating process is analogous to a house and the process's socket is analogous to a door.

Select one:

- True ✓
- False

Correct, each communicating process is analogous to a house and the process's socket is analogous to a door.

The correct answer is 'True'.

Question 22

Correct Mark 1.00 out of 1.00

A registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

Select one:

- True ✓
- False

Correct, a registrar is a commercial entity that verifies the uniqueness of the domain name and enters the domain name into the DNS database.

The correct answer is 'True'.

Question 23

Correct Mark 1.00 out of 1.00

In the client-server architecture, clients directly communicate with each other.

Select one:

- True
- False ✓

Correct, in the client-server architecture, clients do not directly communicate with each other.

The correct answer is 'False'.

Question 24

Correct Mark 1.00 out of 1.00

When a socket is created, an identifier, called a port number, is assigned to it.

Select one:

- True ✓
- False

Correct, when a socket is created, an identifier, called a port number, is assigned to it.

The correct answer is 'True'.

Question 25

Correct Mark 1.00 out of 1.00

Processes on two different end systems communicate with each other by exchanging messages across the computer network

Select one:

- True ✓
- False

Correct, processes on two different end systems communicate with each other by exchanging messages across the computer network

The correct answer is 'True'.

Question 1

Correct

Mark 1.00 out of 1.00

Which of the following is not correct?

Select one:

- a. Web cache might reduce the response time
- b. Web cache doesn't have its own disk space ✓
- c. Web cache contains copies of recently requested objects
- d. Web cache can act both like server and client

The correct answer is: Web cache doesn't have its own disk space



Question 2

Correct

Mark 1.00 out of 1.00

Each communicating process is analogous to a house and the process's socket is analogous to a door.

Select one:

- True ✓
- False

Correct, each communicating process is analogous to a house and the process's socket is analogous to a door.

The correct answer is 'True'.

Question 3

Correct

Mark 1.00 out of 1.00

Processes on two different end systems communicate with each other by exchanging messages across the computer network

Select one:

- True ✓
- False

Correct, processes on two different end systems communicate with each other by exchanging messages across the computer network

The correct answer is 'True'.



Question 4

Incorrect

Mark 0.00 out of 1.00

A proxy server is both a server and a client at the same time.

Select one:

- True
- False 

I'm sorry, a proxy server is both a server when receiving a request from browser and a client when sending the requests to an origin server at the same time.

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

DNS is an application-layer protocol that allows hosts to query the distributed database.

Select one:

- True 
- False

Correct, DNS is an application-layer protocol that allows hosts to query the distributed database.

The correct answer is 'True'.

Question 6

Correct

Mark 1.00 out of 1.00

The non-persistent HTTP can place a significant burden to the web server.

Select one:

- True 
- False

Correct, the non-persistent HTTP can place a significant burden to the web server for establishing and maintaining the new connections for each requested object.

The correct answer is 'True'.



Question 7

Correct

Mark 1.00 out of 1.00

In the process of fetching a web page from a server the HTTP request/response takes _____ RTTs.

Select one:

- a. 2
- b. 3
- c. 1 ✓
- d. 4

The correct answer is: 1

Question 8

Incorrect

Mark 0.00 out of 1.00

To maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

Select one:

- True
- False ✗

I'm sorry, to maintain its stateless characteristic, HTTP server uses cookies to keep track the users.

The correct answer is 'True'.

Question 9

Correct

Mark 1.00 out of 1.00

Which one of the following is not true?

Select one:

- a. Multiple hostnames may correspond to a single IP address
- b. A single hostname may correspond to a single IP address ✓
- c. None of the options
- d. A single hostname may correspond to many IP addresses

The correct answer is: A single hostname may correspond to a single IP address



Question 10

Correct

Mark 1.00 out of 1.00

DNS database contains _____

Select one:

- a. Hostname aliases
- b. All the options are true ✓
- c. Hostname-to-address records
- d. Name server records

The correct answer is: All the options are true

Question 11

Incorrect

Mark 0.00 out of 1.00

DNS translates IP addresses to their underlying hostnames.

Select one:

- True ✗
- False

I'm sorry, DNS translates hostnames to their underlying IP addresses.

The correct answer is 'False'.

Question 12

Correct

Mark 1.00 out of 1.00

Which of the following is present in both an HTTP request line and a status line?

Select one:

- a. URL
- b. HTTP version number ✓
- c. None of the options
- d. Method

The correct answer is: HTTP version number



Question 13

Correct

Mark 1.00 out of 1.00

The domain name system is maintained by _____

Select one:

- a. None of the options
- b. A single computer
- c. Distributed database system ✓
- d. A single server

The correct answer is: Distributed database system

Question 14

Correct

Mark 1.00 out of 1.00

The HTTP response message leaves out the requested object when _____ method is used

Select one:

- a. POST
- b. GET
- c. HEAD ✓
- d. PUT

The correct answer is: HEAD



Question 15

Correct

Mark 1.00 out of 1.00

A process sends messages into, and receives messages from, the network through a hardware interface called a socket.

Select one:

- True
- False ✓

Correct, a process sends messages into, and receives messages from, the network through a software interface called a socket.

The correct answer is 'False'.

Question 16

Correct

Mark 1.00 out of 1.00

The default connection type used by HTTP is _____

Select one:

- a. Can be either persistent or non-persistent
- b. None of the options
- c. Persistent ✓
- d. Non-persistent

The correct answer is: Persistent



Question 17

Incorrect

Mark 0.00 out of 1.00

In TCP connection, server must attach a destination address to the packet before dropping it into the socket.

Select one:

- True X
- False

I'm sorry, in TCP connection, server didn't need to attach a destination address to the packet before dropping it into the socket.

The correct answer is 'False'.

Question 18

Incorrect

Mark 0.00 out of 1.00

When a socket is created, an identifier, called a port number, is assigned to it.

Select one:

- True
- False X

I'm sorry, when a socket is created, an identifier, called a port number, is assigned to it.

The correct answer is 'True'.

Question 19

Correct

Mark 1.00 out of 1.00

What is the basic function of the nslookup program?

Select one:

- a. To probe the DNS database for various types of information ✓
- b. To look up only domain names in the DNS database
- c. To look up only SOA records from a company's database
- d. To look up only IP addresses in the DNS database

The correct answer is: To probe the DNS database for various types of information



Question 20

Correct

Mark 1.00 out of 1.00

In the client-server architecture, clients directly communicate with each other.

Select one:

- True
- False ✓

Correct, in the client-server architecture, clients do not directly communicate with each other.

The correct answer is 'False'.

Question 21

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. First
- b. Second
- c. Fourth
- d. Third ✓

The correct answer is: Third

Question 22

Correct

Mark 1.00 out of 1.00

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

Select one:

- a. STT
- b. PTT
- c. JTT
- d. RTT ✓

The correct answer is: RTT



Question 23

Correct

Mark 1.00 out of 1.00

The entire hostname has a maximum of _____

Select one:

- a. 31 characters
- b. 255 characters ✓
- c. 63 characters
- d. 127 characters

The correct answer is: 255 characters

Question 24

Incorrect

Mark 0.00 out of 1.00

Host can only be identified either by hostname or IP address.

Select one:

- True ✗
- False

I'm sorry, host can be identified using both hostname and IP address.

The correct answer is 'False'.

Question 25

Correct

Mark 1.00 out of 1.00

The _____ method when used in the method field, leaves entity body empty.

Select one:

- a. POST
- b. SEND
- c. PUT
- d. GET ✓

The correct answer is: GET





Started on Friday, 8 October 2021, 8:09 AM

State Finished

Completed on Friday, 8 October 2021, 8:59 AM

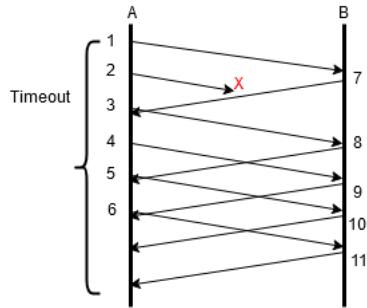
Time taken 49 mins 54 secs

Marks 25.00/25.00

Grade 100.00 out of 100.00

Question 1

Correct Mark 5.00 out of 5.00

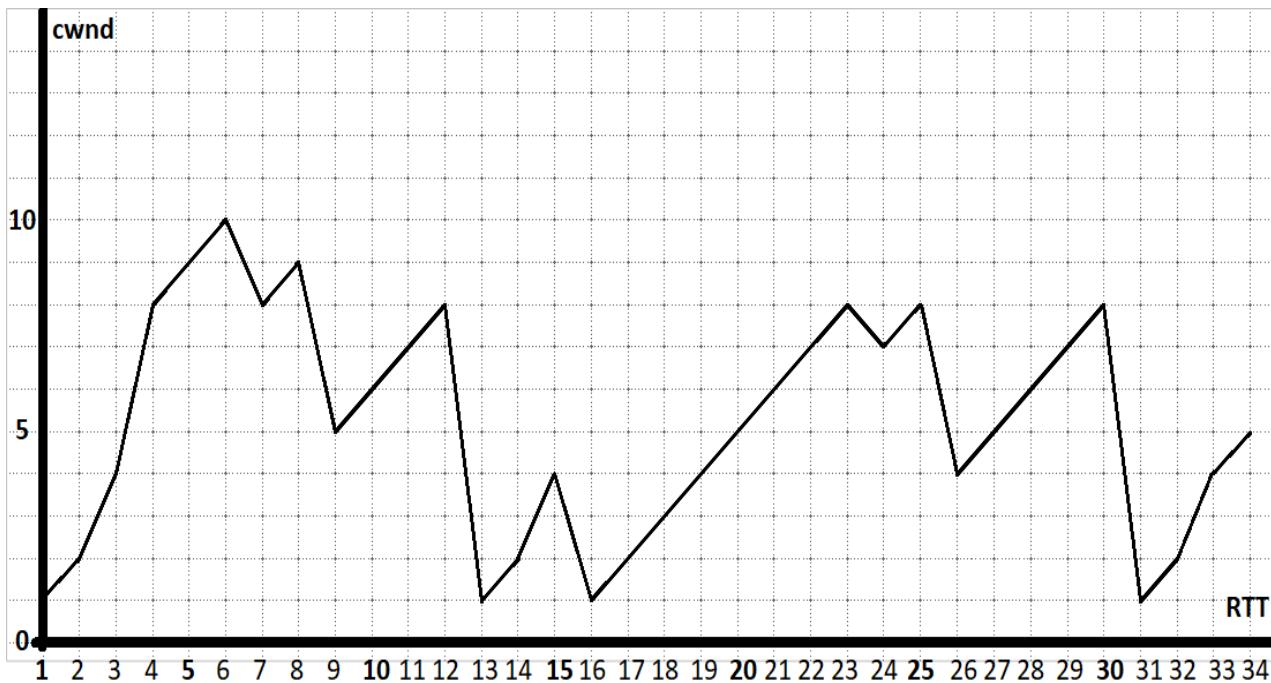


Host A mengirimkan serangkaian segmen TCP ke host B dengan pola seperti gambar di atas. Segmen yang dikirimkan oleh host A semua memiliki ukuran yang sama, yaitu 20 byte, dan *sequence number* awal (pada nomor 1) adalah 120. Tentukan nilai *sequence number* dan ACK number pada segmen-segmen selanjutnya dengan melengkapi tabel berikut:

Seq	ACK
1 = 120	7 = 140 ✓
2 = 140 ✓	8 = 140 ✓
3 = 160 ✓	9 = 140 ✓
4 = 180 ✓	10 = 140 ✓
5 = 200 ✓	11 = 220 ✓
6 = 140 ✓	

Question 2

Correct Mark 20.00 out of 20.00



Gambar di atas mengilustrasikan evolusi dari TCP congestion window menggunakan TCP Reno. Sumbu x menyatakan *transmission round* dalam satuan RTT, sedangkan sumbu y menggambarkan ukuran *congestion window (cwnd)* dalam satuan MSS (Maximum Segment Size). Pada kondisi awal, $cwnd = 1$, dan $ssthresh = 8$.

- Berapa **THROUGHPUT rata-rata** mulai RTT ke 10 sampai RTT 15 dalam satuan $cwnd/RTT$ (**catatan**: segment yang dikirim pada RTT ke 10 tidak ikut dihitung. Tulis jawaban dalam bentuk desimal)

4.4 ✓

- Tentukan **durasi waktu** (dalam durasi RTT) saat fase berikut terjadi, mengacu pada gambar di atas. **CARA penulisan jawaban**: misal fase x terjadi pada range RTT1-5, 8-11. Akan ada 2 input form, lalu tulis: 1-5 dan 8-11 pada masing-masing input form (tanpa spasi).

Fase	Durasi/Range RTT
Slow start	1-4 ✓ , 13-15 ✓ , 16-17 ✓ , 31-33 ✓
Congestion avoidance	4-6 ✓ , 9-12 ✓ , 17-23 ✓ , 26-30 ✓ , 33-34 ✓
Fast recovery	7-8 ✓ , 24-25 ✓

- Tentukan **waktu** (dalam RTT) saat paket yang dikirim hilang (lost), dan apakah paket yang hilang tersebut dideteksi berdasarkan **timeout** ataupun **3-duplicate ACK!** **CARA penulisan jawaban**: tulis HANYA ANGKA RTT pada setiap input form yang tersedia.

Lost event	RTT ke-
Timeout	12 ✓ , 15 ✓ , 30 ✓
3-duplicate ACK	6 ✓ , 23 ✓

- Tentukan **waktu** (dalam RTT) saat nilai **ssthresh** (*slow start threshold*) mulai berubah, dan tentukan nilai **ssthresh** yang baru tersebut! (**Hint**: nilai **ssthresh** mulai berubah pada *next transmission round* setelah terjadi lost event). **CARA penulisan jawaban**: tulis jawaban dengan format **RTT,ssthresh_baru** (koma untuk memisahkan nilai RTT dan ssthresh baru; tanpa spasi). Misal **ssthresh** mulai berubah pada **RTT = 10** dengan nilai **ssthresh baru = 3**, maka tulis jawaban **10,3** pada input form yang tersedia.

RTT,ssthresh_baru
7,5 ✓
13,4 ✓
16,2 ✓
24,4 ✓
31,4 ✓



Question 1

Incorrect Mark 0.00 out of 5.00

Sebuah server DNS melayani DNS query dari 3 client. Berapa jumlah socket yang dibuat oleh server untuk melayani semua client tersebut?

Select one:

- a. 1
- b. 2
- c. 4
- d. 3 ✗

Your answer is incorrect.

The correct answer is: 1

Question 2

Correct Mark 5.00 out of 5.00

Sebuah server FTP melayani FTP request dari 2 client. Berapa jumlah socket yang dibuat oleh server untuk melayani semua client tersebut?

Select one:

- a. 4
- b. 3
- c. 2 ✓
- d. 1

Your answer is correct.

The correct answer is: 2

Question 3

Correct

Mark 5.00 out of 5.00

Saat sebuah client menginisiasi TCP connection (three-way handshake), FIN bit dari TCP segment yang dikirim client bernilai 1.

Select one:

- True
- False ✓

FIN bit = 0, SYN bit = 1

The correct answer is 'False'.

Question 4

Correct

Mark 5.00 out of 5.00

Saat sebuah client menginisiasi untuk menutup koneksi TCP (TCP closing), SYN bit dari TCP segment yang dikirim client bernilai 1.

Select one:

- True
- False ✓

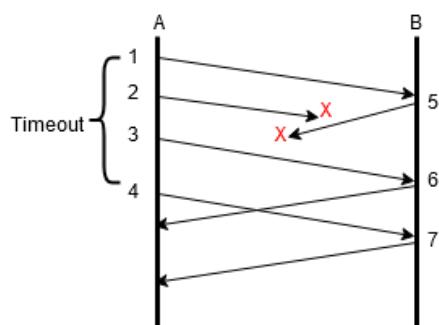
FIN bit = 1, SYN bit = 0

The correct answer is 'False'.

Question 5

Correct

Mark 20.00 out of 20.00



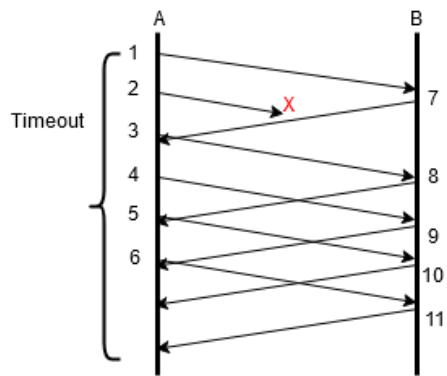
Host A mengirimkan serangkaian segmen TCP ke host B dengan pola seperti gambar di atas. Segmen yang dikirimkan oleh host A semua memiliki ukuran yang sama, yaitu 25 byte, dan *sequence number* awal (pada nomor 1) adalah 200. Tentukan nilai *sequence number* dan ACK number pada segmen-segmen selanjutnya dengan melengkapi tabel berikut:

Seq	ACK
1 = 200	5 = 225 ✓
2 = 225 ✓	6 = 225 ✓
3 = 250 ✓	7 = 225 ✓
4 = 200 ✓	

Question 6

Partially correct

Mark 18.00 out of 20.00



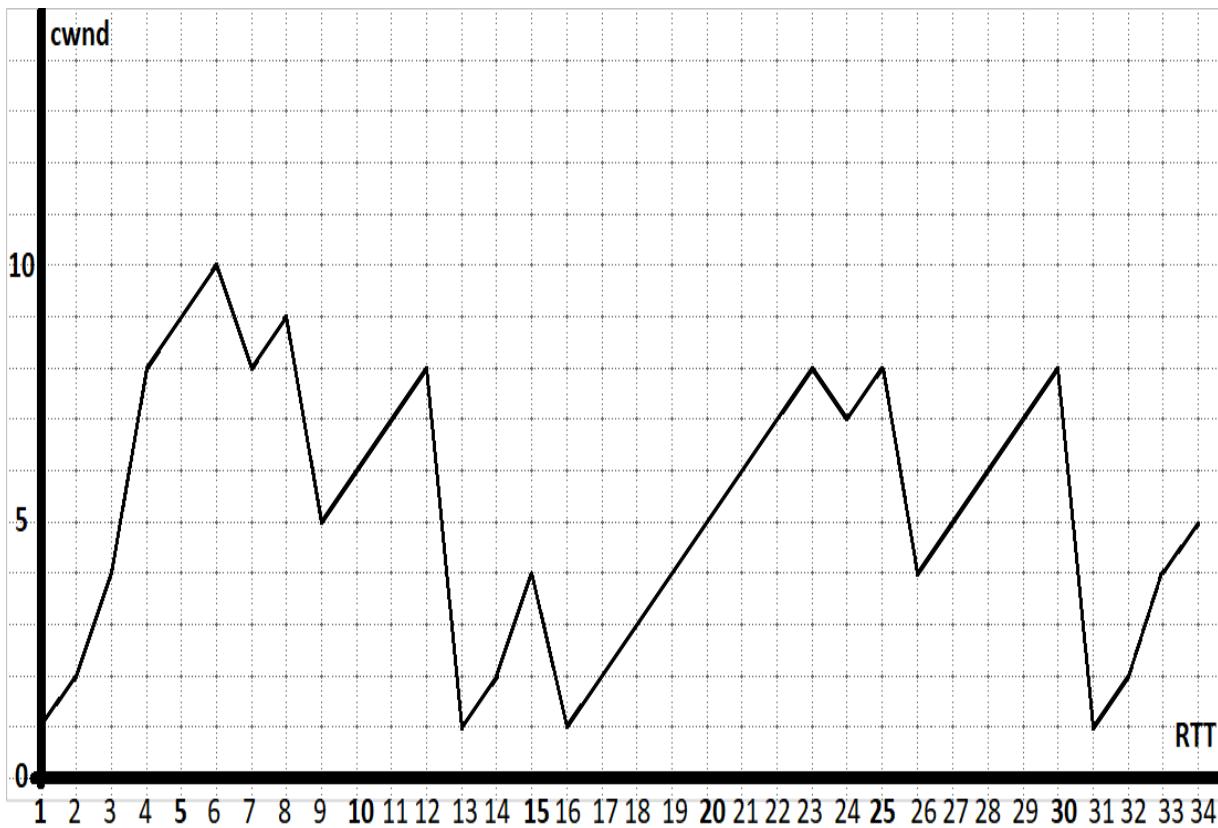
Host A mengirimkan serangkaian segmen TCP ke host B dengan pola seperti gambar di atas. Segmen yang dikirimkan oleh host A semua memiliki ukuran yang sama, yaitu 25 byte, dan *sequence number* awal (pada nomor 1) adalah 200. Tentukan nilai *sequence number* dan *ACK* number pada segmen-segmen selanjutnya dengan melengkapi tabel berikut:

Seq	ACK
1 = 200	7 = 225 ✓
2 = 225 ✓	8 = 225 ✓
3 = 250 ✓	9 = 225 ✓
4 = 275 ✓	10 = 225 ✓
5 = 300 ✓	11 = 250 ✗
6 = 225 ✓	

Question 7

Partially correct

Mark 17.33 out of 40.00



Gambar di atas mengilustrasikan evolusi dari TCP congestion window menggunakan TCP Reno. Sumbu x menyatakan *transmission round* dalam satuan RTT, sedangkan sumbu y menggambarkan ukuran *congestion window (cwnd)* dalam satuan MSS (Maximum Segment Size). Pada kondisi awal, $cwnd = 1$, dan $ssthresh = 8$.

- Berapa **THROUGHPUT rata-rata** mulai RTT ke 10 sampai RTT 15 dalam satuan $cwnd/RTT$ (**catatan**: segment yang dikirim pada RTT ke 10 tidak ikut dihitung. Tulis jawaban dalam bentuk desimal)

4.4 ✓

- Tentukan **durasi waktu** (dalam durasi RTT) saat fase berikut terjadi, mengacu pada gambar di atas. **CARA penulisan jawaban**: misal fase x terjadi pada range RTT1-5, 8-11. Akan ada 2 input form, lalu tulis: 1-5 dan 8-11 pada masing-masing input form (tanpa spasi).

Fase	Durasi/Range RTT
Slow start	1-4 ✓ , 3-15 ✗ , 16-17 ✓ , 31-33 ✓
Congestion avoidance	4-6 ✓ , 9-12 ✓ , 16-23 ✗ , 26-30 ✓ , 3-34 ✗
Fast recovery	6-9 ✗ , 23-25 ✗

- Tentukan **waktu** (dalam RTT) saat paket yang dikirim hilang (lost), dan apakah paket yang hilang tersebut dideteksi berdasarkan **timeout** ataupun **3-duplicate ACK!** **CARA penulisan jawaban**: tulis HANYA ANGKA RTT pada setiap input form yang tersedia.

Lost event	RTT ke-
Timeout	8 ✗ , 12 ✓ , 30 ✓
3-duplicate ACK	6 ✓ , ✗

- Tentukan **waktu** (dalam RTT) saat nilai **ssthresh** (*slow start threshold*) mulai berubah, dan tentukan nilai **ssthresh** yang baru tersebut! (**Hint**: nilai **ssthresh** mulai berubah pada *next transmission round* setelah terjadi lost event). **CARA penulisan jawaban**: tulis jawaban dengan format $RTT, ssthresh_{baru}$ (koma untuk memisahkan nilai RTT dan ssthresh baru; tanpa spasi). Misal **ssthresh** mulai berubah pada RTT = 10 dengan nilai **ssthresh baru** = 3, maka tulis jawaban 10,3 pada input form yang tersedia.

RTT,ssthresh_baru

6,5	X
	X
	X
	X
	X



Question 1

Incorrect Mark 0.00 out of 1.00

In NAT router, the interface on the LAN side has a private IP address while the interface on the WAN side has a public IP because the NAT router uses a translation table to save private-to-public IP address translation.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation X
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is correct, the reason is correct but both of them don't have causal relation

Question 2

Incorrect Mark 0.00 out of 1.00

DHCP is a network layer protocol that provides a dynamic assignment of IP address because DHCP is encapsulated in UDP segment not in TCP segment.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation
- b. The statement is correct, the reason is correct but both of them don't have causal relation X
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is wrong, and the reason is correct

Question 3

Correct

Mark 1.00 out of 1.00

IPv4 address has 4 bytes length while IPv6 address has 6 bytes length because IPv6 also has 6 bytes header.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong ✓

Your answer is correct.

The correct answer is: Both of them is wrong

Question 4

Correct

Mark 1.00 out of 1.00

You can accommodate 32 hosts by using 5 host bits because 2^5 is 32.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct ✓
- e. Both of them is wrong

Your answer is correct.

The correct answer is: The statement is wrong, and the reason is correct

Question 5

Correct

Mark 1.00 out of 1.00

Two hosts in the different subnet have different subnet masks because they have a different network address

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct ✓
- e. Both of them is wrong

Your answer is correct.

The correct answer is: The statement is wrong, and the reason is correct

Question 6

Incorrect

Mark 0.00 out of 1.00

A Fragmentation is conducted to divide an IP datagram into several fragments because the receiving host asks to do the fragmentation

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation X
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is correct, and the reason is wrong

Question 7

Incorrect

Mark 0.00 out of 1.00

DHCP discover is sent to broadcast address while DHCP request is sent to server IP address because in DHCP discover state, the client does not know the server IP address.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation X
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is wrong, and the reason is correct

Question 8

Incorrect

Mark 0.00 out of 1.00

In VLSM subnetting, each subnet may have a different (unique) subnet mask because the subnet mask is determined based on each subnet address.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation X
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is correct, and the reason is wrong

Question 9

Incorrect

Mark 0.00 out of 1.00

Software-defined network (SDN) offers mode generalized forwarding table called flow table because, in SDN the routing is conducted by a remote server (controller) instead of per-router.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation ✗
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is correct, the reason is correct but both of them don't have causal relation

Question 10

Incorrect

Mark 0.00 out of 1.00

Routing is the task in the control plane while forwarding is the task in the data plane because the routing implements routing protocol while forwarding does not.

Select one:

- a. The statement is correct, the reason is correct and both of them have causal relation ✗
- b. The statement is correct, the reason is correct but both of them don't have causal relation
- c. The statement is correct, and the reason is wrong
- d. The statement is wrong, and the reason is correct
- e. Both of them is wrong

Your answer is incorrect.

The correct answer is: The statement is correct, the reason is correct but both of them don't have causal relation

Question 11

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 11?

Answer: 169



The correct answer is: 169

Question 12

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 13?

Answer: 158



The correct answer is: 158

Question 13

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 5?

Answer: 128



The correct answer is: 128

Question 14

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 3?

Answer: 30



The correct answer is: 30

Question 15

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 9?

Answer: 129



The correct answer is: 129

Question 16

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 14?

Answer: 126



The correct answer is: 126

Question 17

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 10?

Answer: 1



The correct answer is: 1

Question 18

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 161?

Answer: 166



The correct answer is: 166

Question 19

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 12?

Answer: 161



The correct answer is: 161

Question 20

Correct

Mark 1.00 out of 1.00

Given network address = 204.15.5.0/24. Subnet the network in order to create the network with the host requirements: A:29 hosts, B:100 hosts, C:2 hosts, D:6 hosts.

Subnet	Subnet Mask	Subnet Address	First Host Address Available	Last Host Address Available
A	/.....(1)	204.15.5.....(5)	204.15.5.....(9)	204.15.5.....(13)
B	/.....(2)	204.15.5.....(6)	204.15.5.....(10)	204.15.5.....(14)
C	/.....(3)	204.15.5.....(7)	204.15.5.....(11)	204.15.5.....(15)
D	/.....(4)	204.15.5.....(8)	204.15.5.....(12)	204.15.5.....(16)

What is the correct answer for blank number 4?

Answer: 29



The correct answer is: 29