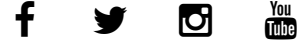


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**NORTH AMERICAN
UNIVERSITY**
INSPIRATION INNOVATION GLOBAL COMPETENCE

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Dashboard > COMP > COMP 4351.Network Administration.2016FLL.s1 > Chapter 6 > Midterm

Started on Thursday, 6 October 2016, 12:01 PM**State** Finished**Completed on** Thursday, 6 October 2016, 12:43 PM**Time taken** 42 mins 13 secs**Grade** **95.00** out of 100.00**Question 1**

Complete

Mark 2.00 out of 2.00

The IP connectionless protocol relies on what other protocol to guarantee delivery of data?

Select one:

- ☒ a. TCP
- ☐ b. ARP
- ☐ c. ICMP
- ☐ d. UDP

Question 2

Complete

Mark 2.00 out of 2.00

Using DWDM, a single fiber can carry between what two numbers of channels?

Select one or more:

- ☐ a. 60
- ☒ b. 80
- ☐ c. 200
- ☒ d. 160

Question 3

Complete

Mark 2.00 out of 2.00

Servers that have a NOS installed require less memory, processing power, and storage capacity than clients because servers are called on to handle only light processing loads and requests from multiple clients.

Select one:

- ☐ True
- ☒ False

Question 4

Complete

Mark 2.00 out of 2.00

Multimode fiber contains a core that is larger than a single mode fiber core.

Select one:

- ☒ True
- ☐ False

Question 5

Complete

Mark 2.00 out of 2.00

What utility is used to verify that TCP/IP installed, bound to the NIC, configured correctly, and communicating with the network?

Select one:

- ☒ a. ping
- ☐ b. ifconfig
- ☐ c. traceroute
- ☐ d. route

Question 6

Complete

Mark 2.00 out of 2.00

When two IPv6 nodes are on the same network, they are referred to as which of the following?

Select one:

- ☐ a. adjacent
- ☒ b. neighbors
- ☐ c. collaborators
- ☐ d. friends

Question 7

Complete

Mark 2.00 out of 2.00

At what layer of the OSI model do the IP, ICMP, and ARP protocols operate?

Select one:

- ☒ a. Network
- ☐ b. Application
- ☐ c. Transport
- ☐ d. Session

Question 8

Complete

Mark 1.00 out of 2.00

What two items below are commonly expressed as bits transmitted per second?

Select one or more:

- ☒ a. bandwidth
- ☐ b. throughput
- ☒ c. amplitude
- ☐ d. frequency

Question 9

Complete

Mark 2.00 out of 2.00

A serial cable with an RJ-45 connector is capable of being used through an RJ-45 Ethernet port.

Select one:

- ☐ True
- ☒ False

Question 10

Complete Mark 2.00 out of 2.00

Static electricity is an electrical charge in motion.

Select one:

- ☐ True
- ☒ False

Question 11

Complete Mark 2.00 out of 2.00

What field in an IPv4 packet informs routers the level of precedence they should apply when processing an incoming packet?

Select one:

- ☐ a. Time to Live (TTL)
- ☐ b. Internet header length (IHL)
- ☐ c. Padding
- ☒ d. Differentiated Services (DiffServ)

Question 12

Complete Mark 2.00 out of 2.00

The WPS PIN is vulnerable to brute force attacks.

Select one:

- ☒ True
- ☐ False

Question 13

Complete Mark 2.00 out of 2.00

Select the component of enterprise level structured cabling that serves as the location where an incoming network interface enters a building and connects with the building's backbone cabling:

Select one:

- ☐ a. network interface device
- ☐ b. intermediate distribution frame
- ☐ c. main distribution frame
- ☒ d. entrance facility

Question 14

Complete Mark 2.00 out of 2.00

What is the minimum category of UTP cable required in order to support Gigabit speeds?

Select one:

- ☐ a. Cat 3
- ☒ b. Cat 5e
- ☐ c. Cat 6
- ☐ d. Cat 5

Question 15

Complete

Mark 2.00 out of 2.00

What cable type comes in two different modes, single mode and multimode?

Select one:

- ☐ a. UTP
- ☐ b. STP
- ☒ c. Fiber optic
- ☐ d. Coaxial

Question 16

Complete

Mark 1.00 out of 2.00

The standard that describes uniform, enterprise-wide cabling systems, regardless of who manufactures or sells the various parts used in the system, can be referred to by what two options below?

Select one or more:

- ☒ a. TIA/EIA-568
- ☐ b. structured cabling
- ☒ c. IEEE Commercial Building Wiring Standard
- ☐ d. hierarchical cabling

Question 17

Complete Mark 2.00 out of 2.00

One watt is equal to how many volt-amps?

Select one:

- ☐ a. 1,000
- ☒ b. 1.4
- ☐ c. 2
- ☐ d. 10

Question 18

Complete Mark 2.00 out of 2.00

Which of the following are two different types of attacks against Bluetooth connections that can be used to send unsolicited data, or download data without permission?

Select one or more:

- ☒ a. bluesnarfing
- ☐ b. bluespoofing
- ☒ c. bluejacking
- ☐ d. bluesniffing

Question 19

Complete Mark 2.00 out of 2.00

Select the layer of the OSI model that is responsible for reformatting, compressing, and/or encrypting data in a way that the application on the receiving end can read:

Select one:

- ☐ a. Transport
- ☒ b. Presentation
- ☐ c. Application
- ☐ d. Session

Question 20

Complete Mark 2.00 out of 2.00

A standard network switch operates at what layer of the OSI model?

Select one:

- ☒ a. Layer 2
- ☐ b. Layer 5
- ☐ c. Layer 7
- ☐ d. Layer 3

Question 21

Complete Mark 2.00 out of 2.00

What IPv4 protocol handles multicasting for tasks such as videoconferencing or teleconferencing?

Select one:

- ☒ a. IGMP
- ☐ b. ARP
- ☐ c. TCP
- ☐ d. ICMP

Question 22

Complete Mark 2.00 out of 2.00

Each type of cable has a prescribed bend radius , which is the radius of the maximum arc into which you can loop a cable without impairing data transmission.

Select one:

- ☒ True
- ☐ False

Question 23

Complete Mark 2.00 out of 2.00

Using a form of transmission that allows multiple signals to travel simultaneously over one medium is known as which of the following options?

Select one:

- ☐ a. embedding
- ☒ b. multiplexing
- ☐ c. coupling
- ☐ d. modulating

Question 24

Complete Mark 2.00 out of 2.00

The TIA/EIA standard for wall jacks in a work area require that at least one outlet be provided for data and one for voice.

Select one:

- ☒ True
- ☐ False

Question 25

Complete Mark 2.00 out of 2.00

What is the name for the protocol data unit (PDU) of the Data Link layer?

Select one:

- ☒ a. frame
- ☐ b. packet
- ☐ c. bit
- ☐ d. data

Question 26

Complete Mark 2.00 out of 2.00

What type of power converter changes the voltage of an AC current, such as when power over the main line from an electric company is changed before being delivered to a home?

Select one:

- ☐ a. voltage regulator
- ☐ b. rectifier
- ☒ c. transformer
- ☐ d. inverter

Question 27

Complete Mark 2.00 out of 2.00

Equipment racks most commonly come in what two widths?

Select one or more:

- ☒ a. 23 inch frame
- ☐ b. 18 inch frame
- ☒ c. 19 inch frame
- ☐ d. 17 inch frame

Question 28

Complete Mark 2.00 out of 2.00

What protocol is commonly used to request configuration files from another computer?

Select one:

- ☐ a. SMB
- ☐ b. SIP
- ☐ c. SNMP
- ☒ d. TFTP

Question 29

Complete Mark 2.00 out of 2.00

At what layer of the OSI model do the 802.11 standards vary?

Select one:

- ☐ a. Transport layer
- ☒ b. Physical layer
- ☐ c. Data link layer
- ☐ d. Network layer

Question 30

Complete

Mark 2.00 out of 2.00

What TCP field below allows the receiving node to determine whether a TCP segment is corrupted during transmission?

Select one:

- ☒ a. checksum
- ☐ b. sliding window
- ☐ c. TCP header length
- ☐ d. acknowledgement number

Question 31

Complete

Mark 2.00 out of 2.00

What is the maximum frame size for Ethernet II frames on a VLAN?

Select one:

- ☒ a. 1522 bytes
- ☐ b. 1496 bytes
- ☐ c. 1518 bytes
- ☐ d. 1500 bytes

Question 32

Complete

Mark 2.00 out of 2.00

Unlike wired signals, wireless signals originate from electrical current traveling along a capacitor.

Select one:

- ☐ True
- ☒ False

Question 33

Complete Mark 2.00 out of 2.00

Which type of multiplexing is defined by wavelength instead of frequency?

Select one:

- ☐ a. WDM
- ☐ b. DWDM
- ☒ c. CWDM
- ☐ d. FDM

Question 34

Complete Mark 2.00 out of 2.00

NetBIOS applications should be replaced as they are out-of-date.

Select one:

- ☒ True
- ☐ False

Question 35

Complete Mark 2.00 out of 2.00

Which method of transmission allows signals to travel in both directions over a medium but in only one direction at a time?

Select one:

- ☐ a. simplex
- ☐ b. multiplex
- ☐ c. full duplex
- ☒ d. half duplex

Question 36

Complete Mark 2.00 out of 2.00

What two types of IP addresses are used on the Internet?

Select one or more:

- ☐ a. IPng
- ☒ b. IPv6
- ☐ c. IPX
- ☒ d. IPv4

Question 37

Complete Mark 2.00 out of 2.00

What address does ARP work in conjunction with IPv4 to discover?

Select one or more:

- ☒ a. MAC
- ☐ b. ARP
- ☒ c. physical
- ☐ d. IP

Question 38

Complete Mark 2.00 out of 2.00

When using a Windows domain, what is the domain-level account for each user known as?

Select one:

- ☐ a. domain token
- ☒ b. global account
- ☐ c. principle name
- ☐ d. universal account

Question 39

Complete Mark 2.00 out of 2.00

What two frequencies are used for most wireless networks?

Select one or more:

- ☐ a. 4.9 GHz
- ☐ b. 900 MHz
- ☒ c. 5 GHz
- ☒ d. 2.4 GHz

Question 40

Complete Mark 2.00 out of 2.00

The fundamental difference between a switch and a router is that a switch belongs only to its local network and a router belongs to two or more local networks.

Select one:

- ☒ True
- ☐ False

Question 41

Complete Mark 2.00 out of 2.00

Which protocol below is used to make an initial connection between hosts for transferring multimedia data, relying on other protocols once a connection is established?

Select one:

- ☐ a. H.323
- ☐ b. SMB
- ☒ c. SIP
- ☐ d. NTP

Question 42

Complete Mark 2.00 out of 2.00

A power fluctuation that results in a temporary dimming of lights is known as a blackout.

Select one:

- ☐ True
- ☒ False

Question 43

Complete Mark 2.00 out of 2.00

What command below can be used to display a complete summary of all network interfaces in a Windows computer?

Select one:

- ☒ a. `ipconfig /all`
- ☐ b. `ipconfig /a`
- ☐ c. `ipconfig /show`
- ☐ d. `ipconfig /list`

Question 44

Complete Mark 0.00 out of 2.00

Which of the following is not one of the disadvantages of peer-to-peer networks?

Select one:

- ☐ a. They lack scalability
- ☒ b. They are impractical for connecting large numbers of computers
- ☐ c. They are not necessarily secure
- ☐ d. They centralize user account logins

Question 45

Complete

Mark 2.00 out of 2.00

What two address prefixes for IPv6 addresses are used for unique local unicast?

Select one or more:

- ☒ a. FC00::/7
- ☐ b. FE80::/64
- ☐ c. FF00::/8
- ☒ d. FD00::/8

Question 46

Complete

Mark 2.00 out of 2.00

Cable that is coated with flame-resistant polyvinyl chloride (PVC) is acceptable for use in plenum areas.

Select one:

- ☐ True
- ☒ False

Question 47

Complete

Mark 2.00 out of 2.00

In IPv6, what field is used to indicate what sequence of packets from one source to one or multiple destinations a packet belongs to?

Select one:

- ☐ a. traffic class
- ☒ b. flow label
- ☐ c. group ID
- ☐ d. traffic exchange

Question 48

Complete Mark 2.00 out of 2.00

Which layers of the OSI model are all routers able to interpret?

Select one or more:

- ☐ a. 1
- ☐ b. 2
- ☒ c. 4
- ☒ d. 3

Question 49

Complete Mark 1.00 out of 2.00

Frequencies used to convey speech over telephone lines fall between what two frequencies below?

Select one or more:

- ☐ a. 100 Hz
- ☒ b. 5.5 KHz
- ☒ c. 3.3 KHz
- ☐ d. 300 Hz

Question 50

Complete

Mark 2.00 out of 2.00

What routing protocol criteria is defined as the time it takes to recognize a best path change in the event of a network outage?

Select one:

- ☐ a. downed path detection
- ☒ b. convergence time
- ☐ c. overhead calculation
- ☐ d. administrative distance detection