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**Started on** Saturday, 19 September 2020, 4:00 PM

**State** Finished

**Completed on** Saturday, 19 September 2020, 4:29 PM

**Time taken** 28 mins 17 secs

**Grade** **24.00** out of 30.00 (80%)

### Question 1

Correct

Mark 1.00 out of 1.00

characteristics of interfaces between the devices & transmission medium are defined by

- ☒ a. Physical Layer
- ☐ b. Session Layer
- ☐ c. Network Layer
- ☐ d. Application Layer



Your answer is correct.

The correct answer is:

Physical Layer

**Question 2**

Correct

Mark 1.00 out of 1.00

OSI stands for

- ☐ a. Operating Systems Interconnection
- ☐ b. Open Systems Internet
- ☒ c. Open Systems Interconnection
- ☐ d. Open Signals Interconnection



Your answer is correct.

The correct answer is:

Open Systems Interconnection

**Question 3**

Correct

Mark 1.00 out of 1.00

Examples of Guided Transmission Media are

- ☒ a. twisted pair wires & coaxial cables & optical fiber
- ☐ b. coaxial cables & optical fiber
- ☐ c. twisted pair wires & coaxial cables
- ☐ d. twisted pair wires & optical fiber



Your answer is correct.

The correct answer is:

twisted pair wires &amp; coaxial cables &amp; optical fiber

**Question 4**

Correct

Mark 1.00 out of 1.00

Every device has a dedicated point to point link to every other device is

- ☒ a. Mesh topology
- ☐ b. Bus topology
- ☐ c. Star topology
- ☐ d. Ring topology



Your answer is correct.

The correct answer is:  
Mesh topology

**Question 5**

Correct

Mark 1.00 out of 1.00

WLAN stands for

- ☐ a. Wired Large Area Network
- ☐ b. Wireless Large Area Network
- ☒ c. Wireless Local Area Network
- ☐ d. Wired Local Area Network



Your answer is correct.

The correct answer is:  
Wireless Local Area Network

**Question 6**

Correct

Mark 1.00 out of 1.00

Network Support Layers consists of

- ☐ a. Session, Datalink and Network layers
- ☐ b. Physical, Datalink and Application layers
- ☐ c. Physical, Application and Network layers
- ☒ d. Physical, Datalink and Network layers



Your answer is correct.

The correct answer is:

Physical, Datalink and Network layers

**Question 7**

Correct

Mark 1.00 out of 1.00

User Support Layers consists of

- ☐ a. Session, Presentation and Physical layers
- ☐ b. Physical, Presentation and Application layers
- ☒ c. Session, Presentation and Application layers
- ☐ d. Session, Physical and Application layers



Your answer is correct.

The correct answer is:

Session, Presentation and Application layers

**Question 8**

Correct

Mark 1.00 out of 1.00

Dialog Control and Synchronization are responsible for

- ☐ a. Physical layer
- ☐ b. Network layer
- ☒ c. Session layer
- ☐ d. Application layers



Your answer is correct.

The correct answer is:  
Session layer

**Question 9**

Correct

Mark 1.00 out of 1.00

TCP stands for

- ☐ a. Transmission Connection Protocol
- ☒ b. Transmission Control Protocol
- ☐ c. Transmit Control Protocol
- ☐ d. Transmission Control Problem



Your answer is correct.

The correct answer is:  
Transmission Control Protocol

**Question 10**

Incorrect

Mark 0.00 out of 1.00

The semantics and the syntax of the information exchange is responsible for

- ☒ a. Network layer
- ☐ b. Session layer
- ☐ c. Application layers
- ☐ d. Physical layer



Your answer is incorrect.

The correct answer is:  
Application layers

**Question 11**

Correct

Mark 1.00 out of 1.00

Types of twisted pairs cabling are

- ☒ a. UTP & STP
- ☐ b. Unshielded twisted pair (UTP)
- ☐ c. Shielded twisted pair (STP)
- ☐ d. Transmission Control Protocol(TCP)



Your answer is correct.

The correct answer is:  
UTP & STP

**Question 12**

Correct

Mark 1.00 out of 1.00

In half duplex, the mode of communication is Bidirectional

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

**Question 13**

Correct

Mark 1.00 out of 1.00

The bus topology is an example of Multipoint configurations.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

**Question 14**

Correct

Mark 1.00 out of 1.00

ISO stands for Indian Organization for Standardization

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

**Question 15**

Correct

Mark 1.00 out of 1.00

Data communications standards are classified into

- ☐ a. De jure
- ☐ b. De facto
- ☐ c. None of the above
- ☒ d. De facto & De jure



Your answer is correct.

The correct answer is:  
De facto & De jure

**Question 16**

Correct

Mark 1.00 out of 1.00

The uppermost sub-layer of Data Link Layer is

- ☒ a. Logical Link Control
- ☐ b. Media Access Control
- ☐ c. Data Link Layer
- ☐ d. Network control



Your answer is correct.

The correct answer is:  
Logical Link Control



**Question 17**

Correct

Mark 1.00 out of 1.00

NIC stands for

- ☐ a. Network Intranet Cable
- ☐ b. Network Internet Cable
- ☒ c. Network Interface Card
- ☐ d. Network Intranet Card



Your answer is correct.

The correct answer is:

Network Interface Card

**Question 18**

Correct

Mark 1.00 out of 1.00

A burst error means

- ☐ a. two bit change
- ☐ b. three bit change
- ☒ c. two or more bits change
- ☐ d. only one bit change



Your answer is correct.

The correct answer is:

two or more bits change

**Question 19**

Incorrect

Mark 0.00 out of 1.00

Cyclic redundancy check(CRC) is based on

- ☒ a. binary addition
- ☐ b. binary division
- ☐ c. binary subtraction
- ☐ d. binary multiplication



Your answer is incorrect.

The correct answer is:  
binary division

**Question 20**

Incorrect

Mark 0.00 out of 1.00

A block of bits is organized in a table (rows and columns) in

- ☒ a. Cyclic redundancy check(CRC)
- ☐ b. Checksum
- ☐ c. Vertical redundancy check(VRC)
- ☐ d. Longitudinal redundancy check(LRC)



Your answer is incorrect.

The correct answer is:  
Longitudinal redundancy check(LRC)

**Question 21**

Correct

Mark 1.00 out of 1.00

ARQ stands for

- ☐ a. Additional Repeat Queuing
- ☐ b. Additional Repeat Request
- ☐ c. Automatic Repeat Queuing
- ☒ d. Automatic Repeat Request



Your answer is correct.

The correct answer is:

Automatic Repeat Request

**Question 22**

Correct

Mark 1.00 out of 1.00

A set of procedures used to restrict the amount of data flow between sending and receiving stations is Flow control

Select one:

- ☒ True
- ☐ False

The correct answer is 'True'.

**Question 23**

Correct

Mark 1.00 out of 1.00

Detection and correction of errors is framing

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

**Question 24**

Correct

Mark 1.00 out of 1.00

Methods used by flow control are

- ☐ a. Stop and wait
- ☒ b. All the given options ✓
- ☐ c. Sliding window
- ☐ d. None of the options given

Your answer is correct.

The correct answer is:  
All the given options

**Question 25**

Correct

Mark 1.00 out of 1.00

The Random access methods are

- ☒ a. All the options given
- ☐ b. Slotted ALOHA
- ☐ c. CSMA/CD, CSMA/CA
- ☐ d. CSMA



Your answer is correct.

The correct answer is:  
All the options given

**Question 26**

Incorrect

Mark 0.00 out of 1.00

Types of SLIDING WINDOW ARQ are  
go-back-n ARQ and selective reject ARQ

Select one:

- ☐ True
- ☒ False

The correct answer is 'True'.


**Question 27**

Incorrect

Mark 0.00 out of 1.00

A set of ANSI and ISO standards for transmission of data in local area network (LAN) over fiber optic cables is Token Ring

Select one:

- ☒ True 
- ☐ False

The correct answer is 'False'.

**Question 28**

Correct

Mark 1.00 out of 1.00

The data rate of FDDI is

- ☐ a. 50 Mbps
- ☐ b. 10 Mbps
- ☒ c. 100 Mbps
- ☐ d. 1000 Mbps



Your answer is correct.

The correct answer is:  
100 Mbps

**Question 29**

Correct

Mark 1.00 out of 1.00

Token ring (IEEE 802.5) is a communication protocol in a local area network (LAN) where all stations are connected in a Ring topology

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

**Question 30**

Incorrect

Mark 0.00 out of 1.00

Token ring is defined by IEEE 802.4 standard

Select one:

- ☒ True ✗
- ☐ False

The correct answer is 'False'.

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