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Started on	Wednesday, 9 June 2021, 11:00 AM
State	Finished
Completed on	Wednesday, 9 June 2021, 11:09 AM
Time taken	8 mins 57 secs
Grade	9.00 out of 10.00 (90%)

Question 1
Complete
Mark 1.00 out of 1.00

What is the parity bit (even) for following block of data
0 1 1 1 0 0 0 1 1 0 1 0 1 0 1 0

Answer: 1

The correct answer is: 0

Question 2
Complete
Mark 1.00 out of 1.00

Parity bit can ----- a single bit error in a given block of data.

Answer: DETECT

The correct answer is: detect

Question 3
Complete
Mark 1.00 out of 1.00

All CRC calculations are done in modulo-2 arithmetic without carries in addition or borrows in subtraction.

Select one:

- ☒ True
- ☐ False

The correct answer is 'True'.

Question 4
Complete
Mark 1.00 out of 1.00

Any multiple access protocol as belonging to ----- categories: channel I-partitioning protocols,
II-random access protocols, and
III- taking-turns protocols.

Select one:

- ☐ a. none of three
- ☐ b. two of three
- ☒ c. one of three

The correct answer is: one of three

Question **5**
Complete
Mark 0.00 out of 1.00

In both slotted and pure ALOHA, a node’s decision to transmit is made independently of the activity of the other nodes attached to the broadcast channel.

- Select one:
- ☐ True
 - ☒ False

The correct answer is 'True'.

Question **6**
Complete
Mark 1.00 out of 1.00

A link-layer address is variously called a LAN address, a physical address, or a MAC address.

- Select one:
- ☒ True
 - ☐ False

The correct answer is 'True'.

Question **7**
Complete
Mark 1.00 out of 1.00

The type field permits Ethernet to multiplex network-layer protocols.

- Select one:
- ☒ True
 - ☐ False

The correct answer is 'True'.

Question **8**
Complete
Mark 1.00 out of 1.00

What is speed in 100BASE-T LAN?

Answer:

The correct answer is: 100 Mbps

Question **9**
Complete
Mark 1.00 out of 1.00

Filtering is the switch function that does not determine whether a frame should be forwarded to some interface or should just be dropped.

- Select one:
- ☐ True
 - ☒ False

The correct answer is 'False'.

Question **10**
Complete
Mark 1.00 out of 1.00

Forwarding is the switch function that determines the interfaces to which a frame should be directed, and then moves the frame to those interfaces.

Select one:

- ☒ True
- ☐ False

The correct answer is 'True'.

◀ Recording Theory Section B Session 15

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Final Lab Exam Section A ▶