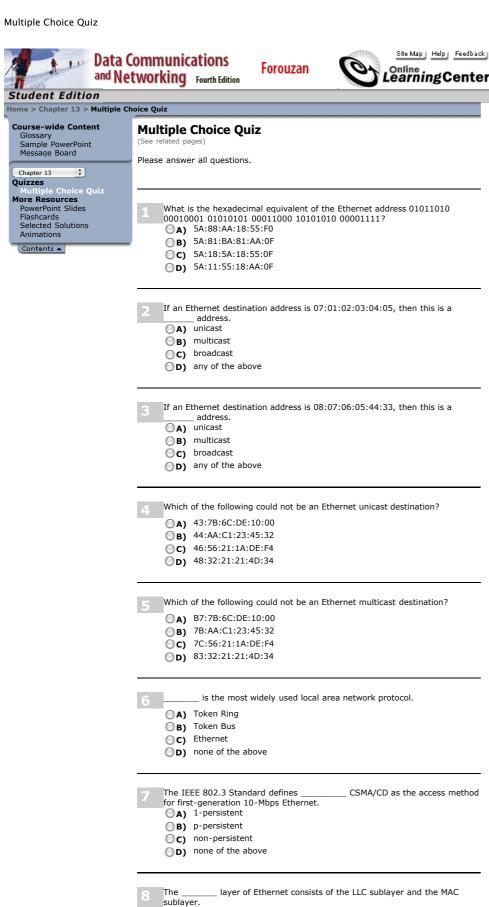
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sublayer is responsible for the operation of the CSMA/CD access method and framing.

- (A) LLC
 - ○B) MII

(A) data link (B) physical (c) network Op) none of the above

- Oc) MAC
- Op) none of the above

Multiple Choice Quiz 22.03.2011. 10:55

10		tation on an Ethernet network has a unique address ted on its network interface card (NIC).
	_	5-byte
	_	32-bit
		48-bit
	OD)	none of the above
11	The m	inimum frame length for 10-Mbps Ethernet isbytes.
	(A)	32
	(B)	
	() c)	128
	(D)	none of the above
12	The m	aximum frame length for 10-Mbps Ethernet is bytes.
	(A)	1518
		1500
		1200
	(D)	none of the above
12		uses thick coaxial cable.
13	ΘA	10Base5
	_	10Base2
		10Base-T
		10Base-F
		_
		uses thin coaxial cable.
14		
	_	10Base5
	_	10Base2 10Base-T
		10Base-F
	00,	
		form builted and applies that account and attains to a
15		uses four twisted-pair cables that connect each station to a
15		on hub.
15	(A)	on hub. 10Base5
15	() A) () B)	on hub.
15	() A) () B) () C)	on hub. 10Base5 10Base2
15	() A) () B) () C)	on hub. 10Base5 10Base2 10Base-T
15	() A) () B) () C)	on hub. 10Base5 10Base2 10Base-T 10Base-F
16	() A) () B) () C) () D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable.
16	(A) (B) (C) (D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5
16	(A) (B) (C) (D)	on hub. 10Base5 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2
16	(A) (B) (C) (D) (A) (B) (C)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5
16	(A) (B) (C) (D) (A) (B) (C)	on hub. 10Base5 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base-T
16	(A) (B) (C) (D) (A) (B) (C) (D)	on hub. 10Base5 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base-T
16	(A) (B) (C) (D) (A) (B) (C) (D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-T
16	(A) (B) (C) (D) (A) (B) (C) (D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-T 10Base-T
16	(A) (B) (C) (D) (A) (B) (C) (D) (Fast Et (A) (B) (C)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-F
16	(A) (B) (C) (D) (A) (B) (C) (D) (Fast Et (A) (B) (C)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-T 10Base-T 10Base-F
16	(A) (B) (C) (D) (A) (B) (C) (D) (Fast Et (A) (B) (C)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-F
16	A) B) C) D) Fast E A) B) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-T 10Base-F
16	A) B) C) D) Fast El A) B) C) D) In data re	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base-T 10Base-T 10Base-F thernet has a data rate of Mbps. 10 100 1000 10,000 , autonegotiation allows two devices to negotiate the mode or ate of operation.
15 16 17	A) B) C) D) Fast E(A) B) C) D) In	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base2 10Base-T 10Base-T 10Base-T 10Base-F thernet has a data rate ofMbps. 10 100 1000 10,000 , autonegotiation allows two devices to negotiate the mode or ate of operation. Standard
15	A) B) C) D) Fast E(A) B) C) D) In data re A) B) B) B) B) C) B)	on hub. 10Base5 10Base2 10Base-T 10Base-F
15	A) B) C) D) Fast E(A) B) C) D) In	on hub. 10Base5 10Base2 10Base-T 10Base-F
15	A) B) C) D) Fast E(A) B) C) D) In	on hub. 10Base5 10Base2 10Base-T 10Base-F
15	A) B) C) D) Fast E(A) B) C) D) In	on hub. 10Base5 10Base2 10Base-T 10Base-F
15	A) B) C) D) Fast E(A) B) C) D) In	on hub. 10Base5 10Base2 10Base-T 10Base-F
15 16 17	A) B) C) D) Fast E(A) B) C) D) In data ra A) B) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F
15 16 17	A) B) C) D) Fast E A) B) C) D) In data ra B) C) D) A B) C) D) A B) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base-T 10Base-F thernet has a data rate of Mbps. 10 100 1000 10,000 , autonegotiation allows two devices to negotiate the mode or ate of operation. Standard Fast Ethernet Gigabit Ethernet Ten-Gigabit Ethernet uses two pairs of twisted-pair cable. 100Base-TX 100Base-FX
16 17 19	A) B) C) D) Fast E A) B) C) D) In A B) C) D) A B) C) D) A B) C) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F
16 17 19	A) B) C) D) Fast E A) B) C) D) In A B) C) D) A B) C) D) A B) C) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F uses fiber-optic cable. 10Base5 10Base2 10Base-T 10Base-F thernet has a data rate of Mbps. 10 100 1000 10,000 , autonegotiation allows two devices to negotiate the mode or ate of operation. Standard Fast Ethernet Gigabit Ethernet Ten-Gigabit Ethernet uses two pairs of twisted-pair cable. 100Base-TX 100Base-FX
16 17 19	A) B) C) D) Fast E A) B) C) D) In A B) C) D) A B) C) D) A B) C) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F
15 16 19	A) B) C) D) Fast E A) B) C) D) In A B) C) D) A B) C) D) A B) C) C) D)	In hub. 10Base5 10Base2 10Base-T 10Base-F
15 16 17 20	A) B) C) D) Fast Ei A) B) C) D) Fast Ei A) B) C) D) A B) C) D) A B) C) D)	on hub. 10Base5 10Base2 10Base-T 10Base-F

		100Base-T4 none of the above
21	() B) () C)	uses four pairs of voice-grade, or higher, twisted-pair cable. 100Base-TX 100Base-FX 100Base-T4 none of the above
22	OA) OB) OC)	100
23	○A) ○B) ○C)	Ethernet access methods include mode. half-duplex full-duplex both (a) and (b) neither (a) nor (b)
24	() B) () C)	uses two optical fibers and a short-wave laser source, 1000Base-SX 1000Base-LX 1000Base-T none of the above
25	() B) () C)	uses two optical fibers and a long-wave laser source. 1000Base-SX 1000Base-LX 1000Base-T none of the above
26	() B)	uses four twisted pairs. 1000Base-SX 1000Base-LX 1000Base-T none of the above
27	() c)	uses short-wave 850-nm multimode fiber. 10GBase-S 10GBase-L 10GBase-E none of the above
28	() B) () C)	uses long-wave 1310-nm single mode fiber. 10GBase-S 10GBase-L 10GBase-E none of the above
29	() B) () C)	uses 1550-mm single mode fiber. 10GBase-S 10GBase-L 10GBase-E none of the above
30	address A) B) C)	ernet addressing, if the least significant bit of the first byte is 0, the s is unicast multicast broadcast none of the above

	addres	c ic		
		unicast		
	()B)	multicast		
	() C)	broadcast		
		none of the above		
	OD	none of the above		
20	In Ethe	rnot addrossing if all	the bits are 1s, the address	ie
32	III LCIIC	arrice addicessing, ii dii	the bits are 13, the address	·
	(A)	unicast		
	(B)	multicast		
	_			
		broadcast		
	(D)	none of the above		
33		_defines a protocol dat	ta unit (PDU) that is somewh	at similar to that of
	HDLC.			
	(A	MAC		
	○ B)	LLC		
	() c)	LLU		
	OD)	none of the above		
	Thom	unaga of the	is to provide flow and arrest	nantual fau tha
34			is to provide flow and error of tually demand these services	
			tually demand these services	•
	(A)	MAC		
	() B)	LLC		
	O(c)			
	_	none of the above		
	\bigcirc D)	none or the above		
2 -	In the	Ethernet the	_field is actually added at the	nhysical layer and
35		(formally) part of the f		physical layer and
			iaine.	
	(A)			
	()B)	preamble		
	\bigcirc C)	address		
	-	none of the above		
	00)	none of the above		
26	In the	Ethernet frame, the	field contains error d	etection
36	inform		neid contains error d	ctcction
	(A)			
	(A)	CRC		
	()B)	CRC preamble		
	()B)	CRC		
	() B) () C)	CRC preamble address		
	() B) () C)	CRC preamble		
	() B) () C)	CRC preamble address		
	() B) () C) () D)	CRC preamble address none of the above		
37	() B) () C) () D)	CRC preamble address) uses encoding	
37	OB) OC) OD)	CRC preamble address none of the above) uses encoding	
37	(B) (C) (D) (Standa	CRC preamble address none of the above and Ethernet (10-Mbps NRZ) uses encoding	
37	OB) OC) OD)	CRC preamble address none of the above and Ethernet (10-Mbps NRZ) uses encoding	
37	Standa	CRC preamble address none of the above and Ethernet (10-Mbps NRZ AMI) uses encoding	
37	○ B) ○ C) ○ D) Standa ○ A) ○ B) ○ C)	CRC preamble address none of the above rrd Ethernet (10-Mbps NRZ AMI Manchester		
37	○ B) ○ C) ○ D) Standa ○ A) ○ B) ○ C)	CRC preamble address none of the above and Ethernet (10-Mbps NRZ AMI		
37	○ B) ○ C) ○ D) Standa ○ A) ○ B) ○ C)	CRC preamble address none of the above rrd Ethernet (10-Mbps NRZ AMI Manchester		
37	○ B) ○ C) ○ D) Standa ○ A) ○ B) ○ C)	CRC preamble address none of the above rrd Ethernet (10-Mbps NRZ AMI Manchester		
37	□ B) □ C) □ D) □ Standa □ A) □ B) □ C) □ D)	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester	er	line codina.
37	□ B) □ C) □ D) □ Standa □ A) □ B) □ C) □ D) □ 100Bas	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses		line coding.
37	□ B) □ C) □ D) □ Standa □ A) □ B) □ C) □ D) □ 100Bas	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester	er	line coding.
37	(B) (C) (D) (Standa (A) (B) (C) (D) (D) (100Bas	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ	er	line coding.
37	(B) (C) (D) (Standa (A) (B) (C) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ	er	line coding.
37	B) C) D) Standa A) B) C) D) 100Bas B) C) C)	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3	er	line coding.
37	B) C) D) Standa A) B) C) D) 100Bas B) C) C)	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ	er	line coding.
37	B) C) D) Standa A) B) C) D) 100Bas B) C) C)	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3	er	line coding.
37	B) C) D) Standa A) B) C) D) 100Bas B) C) C)	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3	er	line coding.
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ	er	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I	er _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ	er _ block coding and _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I	er _ block coding and _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ	er _ block coding and _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ	er _ block coding and _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ	er _ block coding and _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ	er _ block coding and _ block coding and	
38	BB CC CD	CRC preamble address none of the above address none of the above and Ethernet (10-Mbps NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ Se-T4 uses NRZ 8B6T MLT-3	er _ block coding and _ block coding and	
38	BB CC CD	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ	er _ block coding and _ block coding and	
38	BB CC CD	CRC preamble address none of the above address none of the above and Ethernet (10-Mbps NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ Se-T4 uses NRZ 8B6T MLT-3	er _ block coding and _ block coding and	
38	BB CC CD CD CC CD CD CD CD CD CD CD CD CD	CRC preamble address none of the above address none of the above and Ethernet (10-Mbps NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ Se-T4 uses NRZ 8B6T MLT-3	er _ block coding and _ block coding and	
38		CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/5B; MLT-3	er _ block coding and _ block coding and	line coding.
37 38 40	B C C C C C C C C C	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ-1 8B/10B; NRZ se-FX uses 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ se-T4 uses NRZ 8B6T MLT-3 Manchester ase-SX, 1000Base-LX, line coding.	block coding and	line coding.
37 38 40	B C C C C C C C C C	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ-1 8B/10B; NRZ se-FX uses 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ se-T4 uses NRZ 8B6T MLT-3 Manchester ase-SX, 1000Base-LX, line coding.	block coding and	line coding.
38	B C C D D Standa A B C D 100Ba: A B C D 100Ba: A B C D D D 100Ba: A B C D D D 100Ba: A B C D D D 100Ba: A A B B C D D D 100Ba: A A A A A A A A	CRC preamble address none of the above and Ethernet (10-Mbps) NRZ AMI Manchester differential Manchester differential Manchester se-TX uses 4B/5B; NRZ 8B/10B; NRZ 4B/5B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; NRZ-I 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ 4B/5B; MLT-3 8B/10B; NRZ se-T4 uses NRZ 8B6T MLT-3 Manchester	block coding and	line coding.

Multiple Choice Quiz 22.03.2011. 10:55

OD) 8B/10B; NRZ

1000Base-T uses ______ line coding.

A) 4D-PAM5
B) 8B6T
C) MLT-3
D) Manchester

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