

Quiz Guide

Quiz Specification

- 45 minutes long
- Closed book
 - You can bring a reference sheet
 - One 8 ½" x 11", two sides
- Multiple choice questions
- NCS Form 4521
 - Available in the Hornet Bookstore and Union Store
 - Number 2 Pencil only

SEX (M/F)

GRA

NCS Pearson 4521

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

	A	B	C	D	E
1	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
2	(1)	(2)	(3)	(4)	(5)

	A	B	C	D	E
11	①	②	③	④	
	A	B			
12	⑤				

22

	A	B	C	D	E
31	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
32	(1)	(2)	(3)	(4)	(5)

41

A	B	C	D
1	2	3	4

42

A	B	C	D
1	2	3	4

6 ① ② ③ ④ ⑤
A B C D E

7 ① ② ③ ④ ⑤
A B C D E

8 ① ② ③ ④ ⑤
A B C D E

9 ① ② ③ ④ ⑤
A B C D E

10 ① ② ③ ④ ⑤

16 (1) (2) (3) (4) (5)
A B C D E

17 (1) (2) (3) (4) (5)
A B C D E

18 (1) (2) (3) (4) (5)
A B C D E

19 (1) (2) (3) (4) (5)
A B C D E

20 (1) (2) (3) (4) (5)

26 ① ② ③ ④ ⑤
A B C D E

27 ① ② ③ ④ ⑤
A B C D E

28 ① ② ③ ④ ⑤
A B C D E

29 ① ② ③ ④ ⑤
A B C D E

30 ① ② ③ ④ ⑤
A B C D E

36 ① ② ③ ④ ⑤
A B C D E

37 ① ② ③ ④ ⑤
A B C D E

38 ① ② ③ ④ ⑤
A B C D E

39 ① ② ③ ④ ⑤
A B C D E

40 ① ② ③ ④ ⑤
A B C D E

46 (1) (2) (3) (4) (5)
A B C D E

47 (1) (2) (3) (4) (5)
A B C D E

48 (1) (2) (3) (4) (5)
A B C D E

49 (1) (2) (3) (4) (5)
A B C D E

50 (1) (2) (3) (4) (5)
A B C D E

51	A	B	C	D	E
	①	②	③	④	⑤
	A	B	C	D	E
52	①	②	③	④	⑤
	A	B	C	D	E
53	①	②	③	④	⑤
	A	B	C	D	E
54	①	②	③	④	⑤
	A	B	C	D	E
55	①	②	③	④	⑤
	A	B	C	D	E
56	①	②	③	④	⑤
	A	B	C	D	E
57	①	②	③	④	⑤
	A	B	C	D	E
58	①	②	③	④	⑤
	A	B	C	D	E
59	①	②	③	④	⑤
	A	B	C	D	E
60	①	②	③	④	⑤

	A	B	C	D	E
61	①	②	③	④	⑤
	A	B	C	D	E
62	①	②	③	④	⑤
	A	B	C	D	E
63	①	②	③	④	⑤
	A	B	C	D	E
64	①	②	③	④	⑤
	A	B	C	D	E
65	①	②	③	④	⑤
	A	B	C	D	E
66	①	②	③	④	⑤
	A	B	C	D	E
67	①	②	③	④	⑤
	A	B	C	D	E
68	①	②	③	④	⑤
	A	B	C	D	E
69	①	②	③	④	⑤
	A	B	C	D	E
70	①	②	③	④	⑤

	A	B	C	D	E
71	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
72	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
73	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
74	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
75	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
76	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
77	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
78	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
79	(1)	(2)	(3)	(4)	(5)
	A	B	C	D	E
80	(1)	(2)	(3)	(4)	(5)

	A	B	C	D	E
81	1	2	3	4	5
	A	B	C	D	E
82	1	2	3	4	5
	A	B	C	D	E
83	1	2	3	4	5
	A	B	C	D	E
84	1	2	3	4	5
	A	B	C	D	E
85	1	2	3	4	5
	A	B	C	D	E
86	1	2	3	4	5
	A	B	C	D	E
87	1	2	3	4	5
	A	B	C	D	E
88	1	2	3	4	5
	A	B	C	D	E
89	1	2	3	4	5
	A	B	C	D	E
90	1	2	3	4	5

	A	B	C	D
91	①	②	③	④
	A	B	C	D
92	①	②	③	④
	A	B	C	D
93	①	②	③	④
	A	B	C	D
94	①	②	③	④
	A	B	C	D
95	①	②	③	④
	A	B	C	D
96	①	②	③	④
	A	B	C	D
97	①	②	③	④
	A	B	C	D
98	①	②	③	④
	A	B	C	D
99	①	②	③	④
	A	B	C	D
100	①	②	③	④

[illegible]

Chapter 1–Intro to Networks

Important to Know

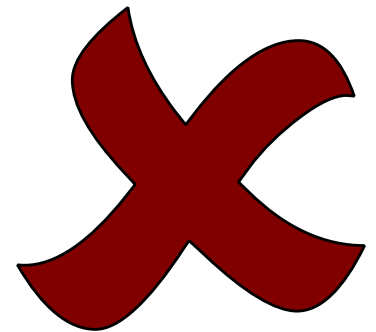
- What is Internet, protocol?
- Network Edge
- Network Core
 - Packet switching vs. circuit switching
 - Network structure
- Network delay, loss and throughput
- OSI model, TCP/IP protocol stack
 - Layers, Protocols
 - Encapsulation
- Network security: DoS, packet sniffing, IP spoofing



Chapter 1—Intro to Networks

Do not worry about

- Specific Frequencies of Media
- Specific upstream and downstream data rates of edge networks
- Loss calculations



Chapter 2– Application Layer

Important to Know

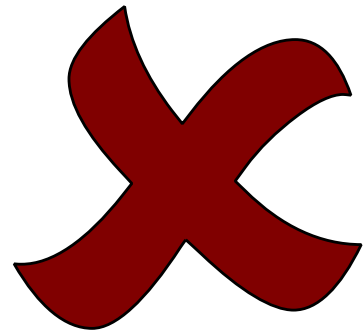
- Principles of network applications:
 - Architecture: client/server vs. P2P
 - Process communication, sockets, transport services (TCP/UDP)
- Web and HTTP:
 - persistent/non-persistent, cookie, web cache
- FTP
- SMTP, POP3, IMAP
- DNS
- P2P
- Socket programming



Chapter 2-Application Layer

Do not worry about

- Detailed Packet formats of various application protocols, etc... BUT YOU SHOULD KNOW THE FIELDS



Good Luck!