



Muzaffarpur Institute of Technology (MIT), Muzaffarpur

(Under the Department of Science & Technology Govt. of Bihar, Patna)

Department of Information Technology

Computer Network, Weekly Test – I

Duration: 20 Minutes

Semester: 5

Max. Marks: 20

Q1. How many layers are there in OSI Model?

a) 4	b) 5
c) 6	d) 7

Q2. Which of these is not a layer of OSI Model?

a) Network Layer	b) Internet Layer
c) Session Layer	d) Data Link Layer

Q3. With respect to network communication, how do you identify an application?

a) By the IP Address it is using	b) By MAC address of the System
c) By Port Number	d) Simply, By name of the application

Q4. Which of the following is correct order of port number for the specified list of application layer protocols?

HTTP SMTP FTP DNS DHCP	↓	Answer(Choose One): a) 80 25 20 53 68 b) 80 25 53 68 20 c) 23 80 68 20 25 d) 80 23 68 20 53
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Q5. State true or false?

127.0.0.1 is a public address.	a) True	b) False
Justification:		

Q6. Host to host service is provided by?

a) Transport Layer	b) Network Layer	c) Presentation Layer	d) Session Layer
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Q7. UTP stands for?

a) Unshielded Tangled Pair	b) Unshielded Two Pair
c) Unshielded Twisted Pair	d) Unified Transfer Protocol

Q8. IP address is Physical whereas MAC address is Logical.

a) True	b) False
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Q9. Suppose you have to setup a wired network, where there are 3 computers and 1 printer is available. Select the correct order of components of use.

I. NIC II. RJ45 III. UTP Cable IV. Hub	a) I II III IV b) IV III II I c) III II I IV d) I III II IV
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Q10. Specify the correct order of Pin in Cross over cable?

a) 1→2, 2→3, 3→6, 6→8, 8→7, 7→5, 5→4, 4→4	b) 1→3, 2→6, 3→1, 4→4, 5→5, 6→2, 7→7, 8→8
c) 1→1, 2→2, 3→3, 4→4, 5→5, 6→6, 7→7, 8→8	d) 1→8, 2→7, 3→6, 4→5, 5→4, 6→3, 7→2, 8→1

Your Answers:	1. d	2. b	3. c	4. a	5. b	6. b	7. c
8. b	9. a	10. b					



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Q1. How many layers are there in OSI Model?

a) 4	b) 5
c) 6	d) 7

Q2. Which of these is the function of network layer?

a) Encryption	b) Segmentation
c) Routing	d) Framing

Q3. Which of these has the implementation of IP?

a) NIC Card	b) Operating System
c) Skype	d) Application

Q4. Which of the following is correct order of port number for the specified list of application layer protocols?

HTTP	↓	Answer(Choose One):
SMTP		a) 80 25 20 53 68
FTP		b) 80 25 53 68 20
DNS		c) 23 80 68 20 25
DHCP		d) 80 23 68 20 53

Q5. State true or false?

127.0.0.1 is a public address.	a) True	b) False
Justification:		

Q6. One of the example of Network communication in real life is?

a) Postal Service	b) Cooking Service	c) Police PCR Van	d) Cricket Commentary
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Q7. UTP stands for?

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a) True	b) False
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Q9. Suppose you have to setup a wired network, where there are 3 computers and 1 printer is available. Select the correct order of components of use.

I. NIC	↓	a) I II III IV
II. RJ45		b) IV III II I
III. UTP Cable		c) III II I IV
IV. Hub		d) I III II IV

Q10. Specify the correct order of Pin in Roll over cable?

a) 1→2, 2→3, 3→6, 6→8, 8→7, 7→5, 5→4, 4→4	b) 1→3, 2→6, 3→1, 4→4, 5→5, 6→2, 7→7, 8→8
c) 1→1, 2→2, 3→3, 4→4, 5→5, 6→6, 7→7, 8→8	d) 1→8, 2→7, 3→6, 4→5, 5→4, 6→3, 7→2, 8→1

Your Answers:	1. d	2. c	3. b	4. a	5. b	6. a	7. c
8. b	9. a	10. d					