

CS610 Solved Final Term Paper 6

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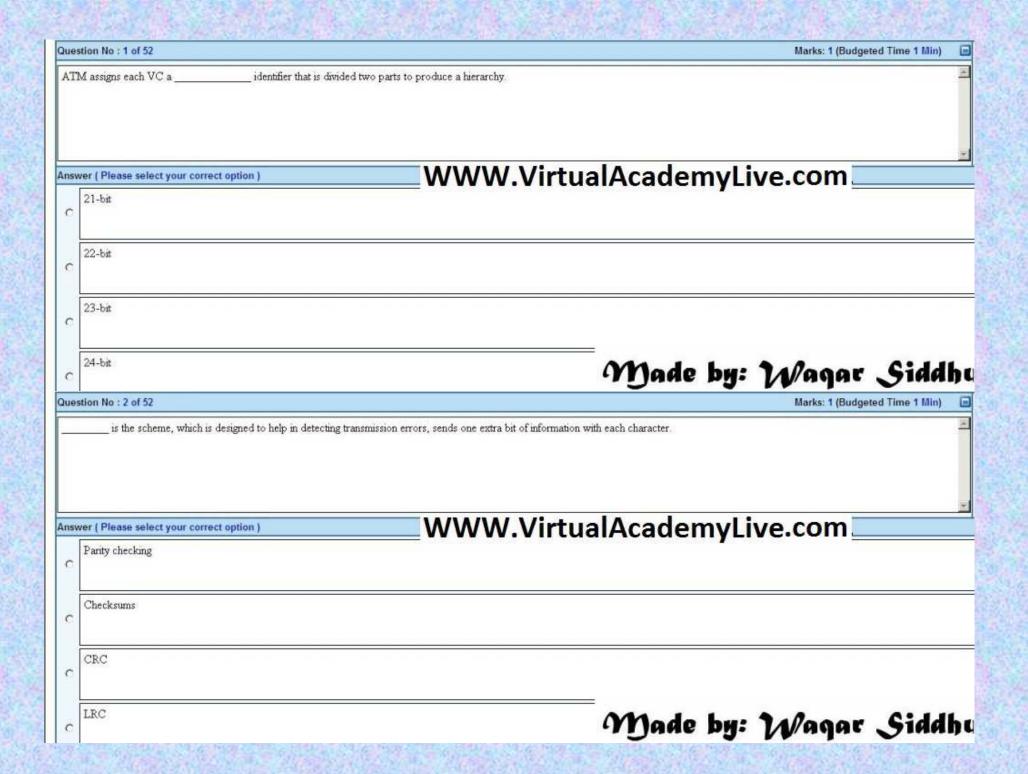
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In the Name of Allāh, the Most Gracious, the Most Merciful

Paper Pattern

MCQS 40 each 1 mark Short 4 each 2 marks Short 4 each 3 marks long 4 each 5 marks



TO MAY THOUGHT ON THE PROPERTY OF THE PROPERTY	Marks: 1 (Budgeted Time 1 Min)
network that uses a usually consist of a single long cable to which o	omputers attach
swer (Please select your correct option)	WWW.VirtualAcademyLive.com
Star Topology	= ** ** ** ** ** ** ** ** ** ** ** ** **
Ring Topology	
Bus Topology	
Tree Topology	Made by: Waqar Siddl
estion No : 4 of 52 ormally namedinformally known as the thin wire Ethernet or 7	Marks: 1 (Budgeted Time 1 Min)
swer (Please select your correct option) 10 Base 2	WWW.VirtualAcademyLive.com
10 Base 5	
10 Base T	
	Made by: Wagar Sidd
estion No : 5 of 52identifies which application program on receiving computer should	Marks: 1 (Budgeted Time 1 Min) receive the data
wer (Please select your correct option)	WWW.VirtualAcademyLive.com
Logical address Source port Logical address	
Source port	
Destination Port correct	

Question No : 6 of 52	Marks: 1 (Budgeted Time 1 Min)
is ideal in a situation where th	group is geographically dispersed (i-e., has a few members at each site, with sites separated by long distances).
nswer (Please select your correct optio	WWW.VirtualAcademyLive.com
Flood-and -Prune	W W W W I Cade in y Live to o in
Configuration-and -Tunneling	
Core-Based Discovery	
Forwarding	Made by: Wagar Siddh
Question No : 7 of 52	Marks: 1 (Budgeted Time 1 Min)
answer (Please select your correct optio	WWW.VirtualAcademyLive.com
C P, TCP	
C TCP, IP	
C TCP, UDP	
UDP, TCP	Made by: Wagar Siddh
"Frame type" field of the header consists o	bits. Marks: 1 (Budgeted Time 1 Min)
nswer (Please select your correct option	WWW.VirtualAcademyLive.com
C	
0 10	
С 16	

Quest	tion No : 9 of 52	Marks: 1 (Budgeted Time 1 Min)
Head	der of cell takes of network capacity.	
Answ	er (Please select your correct option)	WWW.VirtualAcademyLive.com
Г	5%	www.viituaiAcaueiiiyLive.com
c	10%	
c	12%	
c	15%	Made by: Wagar Siddh
Quest	tion No : 10 of 52	Marks: 1 (Budgeted Time 1 Min)
	to advancement in IT world as the Internet grew, the original	
Answ	er (Please select your correct option)	WWW.VirtualAcademyLive.com
c	Subnet addressing	
c	Classful addressing	
c	Address mask	
c	Classless addressing	Made by: Wagar Siddh
Quest	tion No : 11 of 52	Marks: 1 (Budgeted Time 1 Min)
	is used for compressed audio and video where the data rat	te is related to level of compression.
Answ	er (Please select your correct option)	WWW.VirtualAcademyLive.com
Г	Constant Bit Rate (CBR) service	
c	Variable Bit Rate (VBR) service	
c	Available Bit Rate (ABR) service	
С	Uniform Bit Rate (UBR) service	Made by: Wagar Siddh

Question No : 12 of 52	Marks: 1 (Budgeted Time 1 Min)
is used for ordinary data.	<u>*</u>
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Available Bit Rate (ABR) service	
Uniform Bit Rate (UBR) service	
Constant Bit Rate (CBR) service	
Variable Bit Rate (VBR) service	Made by: Wagar Siddho
Question No : 13 of 52	Marks: 1 (Budgeted Time 1 Min)
The special type of address in IPv6 used for single destination	computer is known as
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Anycast	
Unicast	
Multicast	
Broadcast	Made by: Wagar Siddh
Question No : 14 of 52	Marks: 1 (Budgeted Time 1 Min)
Connectionless service and arbitrary interaction are the charact	teristics of
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
C TCP	vv vv vv. v ii tuai/icaaciiiy Liveicoiii
UDP	
C IP	
CICMP	Made by: Wagar Siddho

Question No : 15 of 52	Marks: 1 (Budgeted Time 1 Min)
provides application-to-application communication, also	called end-to-end communication.
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
c P	
Transport Protocol	
C RIP	
CARP	Made by: Wagar Siddh
Question No : 16 of 52	Marks: 1 (Budgeted Time 1 Min)
Three-way handshake is used to create a connection and require	es each end to generate a randomsequence number.
nswer (Please select your correct option)	WWW.VirtualAcademyLive.com
8-bit	
64-bit	
C 32-bit	
16-bit	
Č 10-0k	Made by: Waqar Siddh
uestion No : 17 of 52	Marks: 1 (Budgeted Time 1 Min)
The time for arrival of acknowledgement packet depends upon _	
nswer (Please select your correct option)	WWW.VirtualAcademyLive.com
Distance to destination and current traffic conditions	TO Nother Note that the first translation is a property of the first translation of the first tr
Current traffic conditions	
Distance to destination	
Distance to destination	
Nature of the data	Made by: Wagar Siddh

Question No : 18 of 52	Marks: 1 (Budgeted Time 1 Min)
The routers within an autonomous system use a to e	exchange routing information.
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Exterior Gateway protocol (EGPs)	
Both Interior Gateway protocols (IGPs) and Exterior Gateway p	rotocol (EGPs)
Border Gateway Protocol (BGP)	
C	
Interior Gateway protocols (IGPs)	
C	Made by: Wagar Siddho
Question No : 19 of 52	Marks: 1 (Budgeted Time 1 Min)
Which of the following are interior routing protocols?	<u>*</u>
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
RIP and BGP	
С	
OSPF and BGP	
BGP and OSPF	
c	
DID J OCDE	
RIP and OSPF correct	Made by: Waqar Siddhi
Question No : 20 of 52	Marks: 1 (Budgeted Time 1 Min)
use IP-in-IP encapsulation to send multicast datagrams fr	om one site on the Internet to another.
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Distance Vector Multicast Routing Protocol	
С	
Core Based Trees	
Core Based Irees	
Protocol Independent Multicast_Sparse Mode	
Protocol Independent Multicast _ Dense Mode	Made but \$40000 Giddh
С	Made by: Wagar Siddhu
	之 1961年 · 西京中华 1961年 · 西京中华 1961年 · 西京中华 1961年 ·

Question No : 21 of 52	Marks: 1 (Budgeted Time 1 Min)
A multicast routing scheme in which the protocol software builds a deliv	ery tree from a central point is called
	₩.
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Protocol Independent Multicast_Sparse Mode	
Protocol Independent Multicast _ Dense Mode	
Distance Vector Multicast Routing Protocol	
Core Based Trees	Made by: Wagar Siddhu
Question No : 22 of 52	Marks: 1 (Budgeted Time 1 Min)
Where "T" stands for Table lookup, "C" for Closed-form Computation Answer (Please select your correct option) T	WWW.VirtualAcademyLive.com
C D	
T, C	Made by: Wagar Siddhu
Question No : 23 of 52	Marks: 1 (Budgeted Time 1 Min)
In which method of Address Resolution Protocol the protocol address in Where "T" stands for Table lookup, "C" for Closed-form Computation	
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
С	
C D	
С	
C T, C	Made by: Wagar Siddhu

RP is almost always used to bind abit IP address to abit I	PA A I
	Ethernet address
wer (Please select your correct option)	WWW.VirtualAcademyLive.com
32, 48	
48, 32	
32, 64	
32, 128	Mada har Salasar Cidd
	Made by: Wagar Sidd
estion No : 25 of 52	Marks: 1 (Budgeted Time 1 Min)
has no way to determine the cause of the problem.	
	VAVVAV Vietus I Assalamudius sam
wer (Please select your correct option) ICMP	WWW.VirtualAcademyLive.com
ICMF	
ARP	
Ping	
Traceroute	Made by: Wagar Sidd
	Marks: 1 (Budgeted Time 1 Min)
estion No : 26 of 52	Marks: 1 (Budgeted Time 1 Min)
estion No : 26 of 52	Marks: 1 (Budgeted Time 1 Min)
estion No : 26 of 52	Marks: 1 (Budgeted Time 1 Min)
Traceroute estion No : 26 of 52	Marks: 1 (Budgeted Time 1 Min)
estion No : 26 of 52 network which is based on packets uses a computer which may h	Marks: 1 (Budgeted Time 1 Min) ave, memory and for switching
estion No : 26 of 52 network which is based on packets uses a computer which may h	Marks: 1 (Budgeted Time 1 Min)
network which is based on packets uses a computer which may he wer (Please select your correct option)	Marks: 1 (Budgeted Time 1 Min) ave, memory and for switching
stion No : 26 of 52 network which is based on packets uses a computer which may have a computer	Marks: 1 (Budgeted Time 1 Min) ave, memory and for switching
Traceroute estion No : 26 of 52 network which is based on packets uses a computer which may have a computer which may have (Please select your correct option) Administration Rights, Algorithm Source address, Destination address	Marks: 1 (Budgeted Time 1 Min) ave, memory and for switching
Traceroute estion No : 26 of 52 network which is based on packets uses a computer which may have a computer which may have (Please select your correct option) Administration Rights, Algorithm Source address, Destination address Interface, Program	Marks: 1 (Budgeted Time 1 Min) ave, memory and for switching
estion No : 26 of 52 network which is based on packets uses a computer which may have been select your correct option) Administration Rights, Algorithm	Marks: 1 (Budgeted Time 1 Min) ave, memory and for switching
Traceroute estion No : 26 of 52 network which is based on packets uses a computer which may have a computer which may have (Please select your correct option) Administration Rights, Algorithm Source address, Destination address Interface, Program	ave, memory and for switching

Question No : 27 of 52	Marks: 1 (Budgeted Time 1 Min)
places the boundary between third and fourth o	ctets.
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Class A	
Class B	
Class C	
C	
Class D	244 1 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
c	Made by: Wagar Siddho
Question No : 28 of 52	Marks: 1 (Budgeted Time 1 Min)
The address identifies the physical network to wh	ich the computer is attached, while the identifies an individual computer on that network.
	<u>~</u>
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Prefix , prefix	TO COMPANY ON CONTROL BY THE CONTROL OF THE CONTROL
Suffix , prefix	
Suffix, suffix	
c	
Prefix, suffix	
C Plens, suns	Made by: Waqar Siddhu
Question No : 29 of 52	Marks: 1 (Budgeted Time 1 Min)
Dotted decimal notation is a syntactic form the IP software use	s to express bit binary values when interacting with humans.
	<u>·</u>
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
16	
C	
24	
c	
20	
c 32	
c 64	Made by: Wagar Siddhu
CONTRACTOR TO SERVICE AND CONTRACTOR TO SERVICE AND CONTRACTOR OF SERV	

Question No : 30 of 52	Marks: 1 (Budgeted Time 1 Min)
Find the class of the address.	
10100111.11011011.10001011.01101111	
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
A	
C	
В	
c	
T	
C	
c	Made by: Wagar Siddhu
Question No : 31 of 52	Marks: 1 (Budgeted Time 1 Min)
Find the class of the address:	
POTENCIA TELEFONIA DE LA CONTRACTOR DE L	
11110011.10011011.11111011.00001111	
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
A	vv vv vv.vii tuaiAcadeiiiyLive.com
C	
C E	
В	Made by: Wagar Siddho
Question No : 32 of 52	
A AND COLOR OF THE	Marks: 1 (Budgeted Time 1 Min)
Virtual packets serve same purpose on as frames on	-
	\A(\A(\A(\A(\A(\A(\A(\A(\A(\A(\A(\A(\A(\
Answer (Please select your correct option)	WWW.VirtualAcademyLive.com
Intranet, LAN	
Internet, WAN	
Intranet, WAN	
C	
Internet, LAN	244 1-1 2-4 2-4 2-11
c	Made by: Wagar Siddhu

tuestion No : 33 of 52	Marks: 1 (Budgeted Time 1 Min)
is a special-purpose device dedicated to the task.	of interconnecting networks.
nswer (Please select your correct option)	WWW.VirtualAcademyLive.com
Router	
Hub	
Switch	
Repeater	Made by: Wagar Siddh
uestion No : 34 of 52	Marks: 1 (Budgeted Time 1 Min)
PV6 addresses are of	
swer (Please select your correct option)	WWW.VirtualAcademyLive.com
128 bytes	
32 bits	
128 bits correct	
64 bits	Made by: Wagar Siddh
estion No : 35 of 52	Marks: 1 (Budgeted Time 1 Min)
EXT HEADER field in the base header defines type of header a	and it appears at the end of base header
iswer (Please select your correct option)	WWW.VirtualAcademyLive.com
Fixed-size	
Static	
Variable size	
Dynamic	Made by: Wagar Siddh

	is called an end-to-end protocol because it provide a	connection directly from an application on one	computer to an application on a remote computer.	2
151	er (Please select your correct option)	WWW.Vir	tualAcademyLive.com	
0	UDP			
a	TCP			
0	ICMP			
c	IP		Made by: Wagar	Siddh
ues	tion No : 37 of 52		Marks: 1 (Budgeted	Time 1 Min)
nsv	er (Please select your correct option)	WWW.Vir	tualAcademyLive.com	3
c	Unicast			
	Multicast			
C				
0 0	Multicast		Made by: Magar	Siddh
0 0	Multicast Broadcast			
0 0	Multicast Broadcast Unicast & Multicast		Marks: 1 (Budgeted	
C	Multicast Broadcast Unicast & Multicast tion No : 38 of 52	ake the address class full, classless or sub nette	Marks: 1 (Budgeted	
C	Multicast Broadcast Unicast & Multicast tion No : 38 of 52 includes 32-bits address mask with each address to m	ake the address class full, classless or sub nette	Marks: 1 (Budgeted	
C C ues	Multicast Broadcast Unicast & Multicast tion No : 38 of 52 includes 32-bits address mask with each address to m er (Please select your correct option)	ake the address class full, classless or sub nette	Marks: 1 (Budgeted	
	Multicast Broadcast Unicast & Multicast tion No : 38 of 52 includes 32-bits address mask with each address to m er (Please select your correct option) RIP	ake the address class full, classless or sub nette	Marks: 1 (Budgeted	

estion No : 39 of 52	Marks: 1 (Budgeted Time 1 Min)
hich of the following protocols use(s) UDP for the transmissio	n of all type of message?
ver (Please select your correct option)	WWW.VirtualAcademyLive.com
RIP	
10 (a) (a) (b)	
OSPF	
D.OD.	
BGP	
RIP and OSPF	
	Made by: Wagar Sidd
estion No : 40 of 52	Marks: 1 (Budgeted Time 1 Min)
TCP when a computer sends a segment, the and	dfields refer to incoming data.
swer (Please select your correct option)	WWW.VirtualAcademyLive.com
Acknowledgement number, Window	F3 - 1-2-2-1-2-2-1-2-2-2-2-2-2-2-2-2-2-2-2
3	
Sequence number, Window	
Acknowledgement number, Sequence number	
Acknowledgement number, Sequence number	
Source address, Sequence number	
	Made by: Wagar Siddl
estion No : 41 of 52	Marks: 2 (Budgeted Time 4 Min)
ow can we say that the bridge is an intelligent device? Give tw	o reasons.
swer (Please <u>click here</u> to Add Answer)	WWW.VirtualAcademyLive.com
	Made but \$40aaa Cidd
	Made by: Wagar Siddl







