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Maximum : 100 marks

Time : 1 hour and 30 minutes

1. Which of the following statements are TRUE?

- (i) In vectored interrupt, the branch address is obtained from a register in the processor
- (ii) Daisy chaining is used to assign priorities in attending the interrupt
- (iii) During DMA, both the CPU and DMA controller can be the bus master at the same time
- (iv) Interrupt latency is the period between occurrence of an interrupt and start of execution of the interrupt Service Routine
- (A) (i) and (ii) (B) (ii) and (iv)
- (C) (i) and (iv) (D) (ii) and (iii)
- 2. Which of the following statement is/are FALSE?
 - (i) Memory address space gives the PCI its plug and plays capability
 - (ii) PCI bus supports memory, I/O and configuration address space
 - (iii) PCI bridge provides a separate physical connection to the memory
 - (A) (i) only (B) (i) and (ii)
 - (C) (i), (ii), (iii) (D) None of the above
- **3.** Suppose a computer using direct mapped cache has 2¹⁰ bytes of byte-addressable main memory and a cache of 32 blocks, where each cache block contains 16 bytes. How many blocks of main memory are there?

(A)	2^4	(B)	2^5
(C)	2^6	(D)	2^7

- 4. Consider the following statements comparing static RAM with dynamic RAM:
 - (i) DRAM is costlier than SRAM
 - (ii) SRAM has shorter read and write cycle
 - (iii) SRAM use flip flop to store information whereas DRAM use capacitor to store information
 - (iv) DRAM contains less memory cells as compared to SRAM per unit area

Which of the above statements are false?

- (A) (i), (ii) and (iii) (B) (i) and (ii)
- (C) (ii) and (iii) (D) (i) and (iv)

A

5. A byte addressable computer has a memory capacity of 2^{12} bytes and can perform 1024 operations. An instruction involving 2 operands and one operator needs a maximum of

(A)	22	(B)	21
$\langle \mathbf{O} \rangle$	0.4	(\mathbf{D})	0.4

- (C) 24 (D) 34
- 6. A memory system has total of 16 memory chips, each with 12 address lines and 8 data lines. The total size of the memory system is

(A)	64 KB	(B)	48 KB
(C)	32 KB	(D)	$16~\mathrm{KB}$

- 7. The multiplexing of address and data buses is used in microprocessor
 - (A) To reduce the memory access time (B) To reduce the number of pins on IC
 - (C) To reduce the hardware complexity (D) To reduce the processing time
- 8. Ready pin of a microprocessor is used
 - (A) To indicate that the microprocessor is ready to receive inputs
 - (B) To indicate that the microprocessor is ready to receive outputs
 - (C) To introduce wait states
 - (D) To provide direct memory access

9. The type of microcontroller which does not have program memory on the chip is known as

- (A) External memory microcontroller
- (C) CISC (D) RISC
- **10.** The protocol standards that have the primary function of transferring data between the host system and mass storage devices

(A)	PCI	(B)	SCSI
(C)	USB	(D)	SATA

11. Which of the following is true?

- (A) Process control block contains a boot strap program
- (B) The entry of all the Process control block of the current processes is in Process Register

(B)

Embedded memory microcontroller

- (C) Program control block represent each process in the operating system
- (D) Process control block is a process type variable

- 12. Which of the following instructions should be allowed in kernel and mode and not in user mode?
 - (i) Disable all interrupts
 - (ii) Read the time-of-day clock
 - (iii) Set the time-of-day clock
 - (iv) Change the memory map
 - (A) (i), (iii), (iv) (B) (i), (ii), (iii), (iv)
 - (C) (ii), (iii), (iv) (D) (i), (ii), (iii)
- 13. Four jobs to be executed on a single processor system arrive at time 0 in the order P_1 , P_2 , P_3 and P_4 and their CPU burst time requirements are 5, 2, 7 and 1 ms respectively. The completion time of P_1 under round robin scheduling with time quantum of 1 ms.

(A)	10	(B)	12
(C)	14	(D)	16

14. The command that is used to remove executable permission from the user and assign read permission to the group and others for the file named 'file 1'

(A)	chmod u-x, go + r file1	(B)	chmod g + x, uo + r file 1
(C)	chmod g-x, go + r file 1	(D)	chmod go + x, u-x file 1

- **15.** Which of the following is the function of curl command?
 - (A) To search a file for a particular pattern
 - (B) To trace the route an IP packet follows to an Internet host
 - (C) To transfer data using URL syntax
 - (D) To list the currently running process
- **16.** If the number of bits in the virtual address of a program is 8 and the page size is 16 bytes, the number of pages in virtual address space is

(A)	8	(B)	16
(C)	32	(D)	64

- 17. Virtualization layer that enables multiple operating systems to share a single hardware host
 - (A) VMA (B) VMS
 - (C) VMR (D) VMM

- 18. At initialization, a java application needs to loads 25 libraries. Each library takes one disc access to load. The disc seek time to a random location is specified as 20 ms. The disc rotates at a rate of 3000 rpm. How long will it take to load all 25 libraries if they are loaded from random locations on the disc? (The time it takes to transmit data from a disc block once the head is positioned at the beginning of the block can be ignored.)
 - (A) $0.5 \sec$ (B) $0.75 \sec$
 - (C) $1 \sec$ (D) $1.5 \sec$

19. Match the following

(i)	Redirect the output of one command in another command	to	a.	>
(ii)	Redirect output of a command into a ne file. If the file already exists, over-write		b.	I
(iii)	Redirect the output of a command onto end of an existing file	the	c.	<
(iv)	Redirect a file as input to a program		d.	>>
(A)	(i): (b), (ii):c, (iii): d, (iv) :a	(B)	(i): (b	o), (ii): a, (iii): d, (iv) :c
(C)	(i): (c), (ii):d, (iii): a, (iv): b	(D)	(i): c,	(ii): a, (iii): b, (iv): d

20. For the page reference string 2, 3, 0, 1, 5, 4, 0, 1, 2, 5, 4, 3, 4, 2, 3, 5 compute the number of page faults following a LRU page replacement policy with 3 memory frames (initially empty)

(A)	10	(B)	12
(C)	14	(D)	16

- **21.** Let R (a,b,c) and S (d,e,f,) be two relations in which d is the foreign key of S that refers to the primary key of R. Consider the following four operations on R and S
 - (i) Insert into R
 - (ii) Insert into S
 - (iii) Delete from R
 - (iv) Delete from S

Which of the following statements is true about the referential integrity constraint above?

- (A) None of (i), (ii), (iii) or (iv) can cause its violation
- (B) All of (i), (ii), (iii), and (iv) can cause its violation
- (C) Both (i) and (iv) can cause its violation
- (D) Both (ii) and (iii) can cause its violation

- **22.** Which of the following is false?
 - (A) Ensuring durability is the responsibility of recovery management component
 - (B) Ensuring Isolation is the responsibility of concurrency management
 - (C) Ensuring atomicity and consistency is the responsibility of recovery management component
 - (D) None of the above
- **23.** SQL Server allows for Transact-SQL stored procedures, triggers, and batches to refer to tables that don't exist at compile time. This ability is called
 - (A) Deferred Name Resolution
- (B) Deferred Name Permissions
- (C) Indeferred Name Resolution (D) Indeferred Name Permissions
- 24. Which-one of the following statements about normal forms is FALSE?
 - (A) BCNF is a stronger form of normalization than 3NF
 - (B) Loss less, dependency preserving decomposition into BCNF is always possible
 - (C) Lossless, dependency preserving decomposition into 3 NF is always possible
 - (D) Any relation with two attributes is BCNF
- **25.** Which of the following is false?
 - (A) B + tree is used to store data in secondary memory
 - (B) B + tree is having the same performance as that of indexed sequential file
 - (C) B + tree allows rapid random access as well as rapid sequential access
 - (D) B + tree is a balanced tree
- 26. Which of the following statements are True
 - (i) GIS deals with spatial data spatial data
 - (ii) Barometric pressure is a geographic field
 - (iii) Ramanujan space is related to GIS
 - (iv) Tessellations partition the study space into cells and assign a value to each cell
 - (A) (i), (ii) and (iii) (B) (ii), (iii) and (iv)
 - (C) (i), (iii) and (iv) (D) (i), (ii) and (iv)
- 27. CAP theorem in NoSQL stands for
 - (A) Consistency, Availability, Partition tolerance
 - (B) Concurrency, Availability, Partition
 - (C) Consistency, Accuracy, Precision
 - (D) Concurrency, Atomicity, Partition tolerance
- A

7

28. On which of the following is not related semantic web?

- (A) SPARQL (B) SKOS
- (C) OWL (D) None of above
- 29. Which of the following statements are False about big data?
 - (i) The main components of Big data are map reduce, HDFS and YARN
 - (ii) Big data processing utilize outside intelligence while taking decision
 - (iii) Apache Pytarch is a Big Data Technology
 - (iv) Hadoop is named after the sound Cutting's laptop made during Hadoop development
 - (A) (i), (ii), (iii) and (iv) (B) (ii), (iii) and (iv)
 - (C) (iii) and (iv) (D) (iv) only
- **30.** A bank offers its account holders 9% interest if their balance is above Rs.20,000, else 5%. To achieve this, each of the following SQL statements is executed as separate transactions t1 and t2
 - t1: update account set balance = balance *1.5 where balance <=20,000
 - t2: update account set balance set balance = balance * 1.9 where balance > 20,000 Then t1 and t2
 - (A) t1 executed first followed by t2
- (B) t2 executed first followed by t1(D) Can be executed concurrently
- (C) Can be executed in any order
- **31.** Which is not true?
 - (A) article tag is available in HTML5
 - (C) hgroup tag is for hiding something
- (B) hr tag does not have an end tag
- (D) metatags are available in HTML5

32. Which is true?

- (A) XHTML comes with a much stricter error handling than HTML.
- (B) In XHTML, element names are case insensitive
- (C) XHTML Attribute Values need not be Quoted
- (D) XHTML Empty Elements need not be Closed
- **33.** URL is a subset of

(C)

- (A) Uniform Resource Indicator
- (B) Uniform Resource Name

Protocol

(D) Domain

34. Which is true?

- (A) JavaScript does support automatic type conversion
- (B) Negative Infinity is a number and present in JavaScript
- (C) = = = is an operator present in javascript
- (D) All are true

35. Check whether the following terms are related to Web scraping.

- 1. Web crawler
- 2. Spider
- 3. Bots
- 4. Degauss

Which of the following is true?

- (A) 1 is related (B) 1, 3 and 4 are related
- (C) 1, 2, 3 and 4 are related (D) 1, 2 and 3 are related

36. Following are a few statements are about XML.

- 1. XSLT is a popular XML technology
- 2. SVG has no relation with XML
- 3. SMIL can be used in XML for multimedia purpose
- 4. SOAP uses XML

Which is true?

(A) 1, 2 and	3 are true	(B)	1 and 4 are true
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- (C) 1, 3 and 4 are true (D) 1, 2, 3 and 4 are true
- **37.** Following are statements are about CSS
 - 1. There are physical tags and logical tags
 - 2. Icon is an attribute of font
 - 3. DispCss is a media type used
 - 4. CSS box model is related to layout and design of elements Which is true?
 - (A) 1,2 and 3 are true (B) 1 and 4 are true
 - (C) 1,2 and 4 are true (D) 1,2, 3 and 4 are true

38. ——— contains all types of PHP code snippets and libraries.

- (A) PEAR (B) PHPBox
 - (C) PHPColl (D) PHPpool

- **39.** Consider following statements.
 - 1. LAMP stands for Linux, Apache, MySQL, and PHP.
 - 2. WAMP stack uses Microsoft Windows.
 - 3. phpMyAdmin is a LAMP application for administering MySQL servers
 - 4. Wordpress cannot be installed with LAMP

Which is true?

- (A) 1 and 3 are true (B) 1, 2 and 4 are true
- (C) 1, 3 and 4 are true (D) 1, 2 and 3 are true
- **40.** Consider the following matches.

1.	Microsoft	_	IIS Server			
2.	Webserver	_	Apache			
3.	Magento	_	Debugging tool			
4.	PHP	_	Server side scripting			
Whi	Which is true?					
(A)	1, 2 and 4 are true	e	(B)	1 and 3 are true		
(C)	1, 2 and 3 are true	e	(D)	1 and 2 are true		

41. Switching method is best suited to analog transmission of voice signals

(A)	Message	(B)	Circuit
(C)	Packet	(D)	All of these

42. Space division switching is applicable for

- (A) Analog environment
- (B) Digital environment
- (C) Applicable for both
- (D) Can not be used in analog and digital environments

43. Consider the following statements about Datagram networks. Which is not true?

- (A) There is no fixed route between nodes.
- (B) Datagram communication is generally guided by User Datagram Protocol.
- (C) Resources are allocated on demand on a Last-Come-First-Serve (LCFS) basis
- (D) Known as connectionless switching

- **44.** Which of the following is not true?
 - (A) SONET is an optical transmission interface
 - (B) Synchronous digital hierarchy is a compatible version of SONET
 - (C) The basic SONET building block consists of 810 octets
 - (D) DataRate corresponding to SONET STS-3 is 622.08 Mbps.
- **45.** Which is NOT true?
 - (A) Code Division Multiplexing (CDM) uses spread spectrum communication
 - (B) In CDMA, the codes assigned to the stations are carefully generated codes called chip sequences
 - (C) In CDMA, it constricts bandwidth's digital signals or frequencies
 - (D) Walsh Codes are most commonly used in the orthogonal codes of CDMA applications

- (A) Geo-energy loss (B) Path loss
- (C) Wave strength loss (D) Frequency loss
- 47. Which is not a valid statement?
 - (A) Because of its large wavelength, radio waves can penetrate through walls and similar structures.
 - (B) Radio waves can have wavelength from 1 mm 100,000 km.
 - (C) Radio frequencies are sub-divided into six bands.
 - (D) Radio waves of high frequencies are never absorbed by rain or similar obstacles
- **48.** The common characteristic properties of the laser radiation are given as
 - 1. Monochromaticity
 - 2. Directionality
 - 3. Coherence
 - 4. High brightness

Choose the correct from the below.

- (A) 1, 2, 3 and 4 are true
- (C) 1, 3 and 4 are true
- **49.** Moon bounce matches with
 - (A) Earth-moon-earth communication
 - (C) Radio amateurs

- (B) Only 3, 4 are true
- (D) Only 2, 3 and 4 are true
- (B) Radio communication
- (D) All of the above

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А

50. Which is not true about statistical Time Division Multiplexing?

- (A) It is less efficient than a synchronous TDM
- (B) It allocates time slots dynamically on demands
- (C) Facilitated by means of packet-mode or packet-oriented communication
- (D) Communication channel is split into a random range of variable bit-rate data streams or digital channels

51. The IEEE ———— standard uses Distributed Queue Dual Bus network form.

(A)	802.6	(B)	802.9
(C)	802.14	(D)	802.17

52. In OSI model, the <u>layer</u> layer is responsible for the flow control between the originating node and the destination node of a message.

(A)	Application	(B)	Data Link
(C)	Network	(D)	Transport

53. The ——— hexadecimal digits of an ethernet address is an Organizationally Unique Identifier.

(A)	First 2	(B)	First 4
(C)	First 6	(D)	Last 4

54. A network switch has 15 computers connected to it. If no VLANS are present, how many broadcast and collision domains are there, respectively?

(A)	1,1	(B)	$1,\!15$
(C)	15,1	(D)	15, 15

55. What is the broadcast address on the LAN with the router interface 192.168.16.40/29?

(A)	192.168.16.41	(B)	192.168.16.47
	100 100 10 **		100 100 10 00

(C) 192.168.16.55 (D) 192.168.16.63

56. The type of cable required for a router-to-switch connection is — — — and for a host-to-switch connection is

- (A) Crossover, crossover (B) Cro
 - (C) Straight-through, crossover
- B) Crossover, straight-through
- (D) Straight-through, straight through

57.	is a technique used by distance vector protocols to prevent routing loops.				
	(A)	Count-to-infinity	(B)	Flooding	
	(C)	Split horizon	(D)	Time-to-live	
58.		Ibps LAN needs a minimum f frame size required for a 100 M		56 bytes (for collision detection), the bytes.	
	(A)	5.6	(B)	56	
	(C)	64	(D)	560	
59.		width of a communication link hat is the wrap-around time for	-	If the byte sequence number is of size mbers?	
	(A)	128s	(B)	256s	
	(C)	512s	(D)	1024s	
60.	Which OF	DMA-based IEEE wireless star	ndard is also l	xnown as Wi-Fi 6?	
	(A)	802.11ac	(B)	802.11ax	
	(C)	802.11be	(D)	802.11g	
61.		P message generated when the ' ram to be discarded) is	TTL field of a	a datagram becomes 0 (thereby causing	
	(A)	Destination Unreachable	(B)	Network Unreachable for ToS	
	(C)	Source Quench	(D)	Time Exceeded	
62.	In DNS, –		point a doma	ain or subdomain to another hostname.	
	(A)	А	(B)	AAAA	
	(C)	CNAME	(D)	MX	
63.		— is an example of a path vect	or routing pro	otocol.	
	(A)	BGP	(B)	EIGRP	
	(C)	IGMP	(D)	IS-IS	
64.		anual MAC address change, — new MAC address and the IP to		RP may be used to inform other nodes	
		Gratuitous		Proxy	

(A) Gratuitous (B) Proxy (C) Refresh

(D) Reverse

13

A

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- **65.** The ______ is the result of a lack of synchronization between the sender and receiver regarding capacity of the flow of data or the size of the packet.
 - (A) Leaky Bucket Situation (B) Poison Reverse Situation
 - (C) Silly Window Syndrome (D) Sorcerer's Apprentice Syndrome

66. Which among the following algorithms is used for TCP roundtrip time and time-out estimation?

- (A) Bellman-Ford algorithm (B) Ford-Fulkerson algorithm
- (C) Jacobson's algorithm (D) Nagle's algorithm

67. Which among the following fields is not a pad of UDP pseudo header in IPv4?

- (A) Destination IP (B) Destination Port
- (C) Protocol field for UDP (D) UDP length

(A)	12	(B)	24
(C)	40	(D)	60

69. The MIME type audio/mpeg denotes a file with extension

(A)	.mpg	(B)	.mp3
(C)	.mp4	(D)	.3gp

70. The IP multicast address range — denotes a local sub network.

71. Which among the following is the correct sequence of DHCP messages?

- (A) DHCPDISCOVER, DHCPOFFER, DHCPREQUEST
- (B) DHCPDISCOVER, DHCPREQUEST, DHCPOFFER
- (C) DHCPREQUEST, DHCPDISCOVER, DHCPOFFER
- (D) DHCPREQUEST, DHCPOFFER, DHCPDISCOVER

- **72.** Two switches are connected together with two crossover cables for redundancy. If Spanning Tree Protocol is disabled, then
 - (A) The MAC forwarding tables will not get updated
 - (B) The routing tables will not get updated
 - (C) There will be automatic load-balancing between the links
 - (D) There will be broadcast storms in the network
- **73.** In a Cisco router, which among the following access lists will prevent hosts in the range 172.16, 160.0 to 172.16. 191.0?
 - (A) access-list 10 deny 172.16.160.0 0.0.31.255
 - (B) access-list 10 deny 172.16.160.0 0.0.191.255
 - (C) access-list 10 deny 172.16.160.0 0.0.255.255
 - (D) access-list 10 deny 172.16.160.0 255.255.192.0
- 74. Which among the following wildcard masks ensure that the exact address will have to be matched on all 4 octets of the address?

(A)	0.0.0.0	(B)	1.1.1.1
(C)	8.8.8.8	(D)	255.255.255.255

75. In order to avoid rogue DHCP servers and remove malformed DHCP traffic, ————feature can be configured on switches.

(A)	DHCP lease	(B)	DHCP proxy
(C)	DHCP snooping	(D)	DHCP time-out

76. When a router sets the metric for an unreachable link to infinity in the routing table, it is an example of

(A)	Half-open connection	(B)	Heartbeat timer
(C)	Route Holddown	(D)	Route Poisoning

77. The default port for SSH client connections is

(A)	22	(B)	43
(C)	443	(D)	3306

- **78.** What part of DNS is flushed by the command **ipconfig** /**flushdns**?
 - (A) Domain records (B) Forward lookup zones
 - (C) Resolver cache (D) TLD nameservers
- Α

- 79. A router has three different routes to the same network in its routing table – static, RIP and EIGRP. The default route to the network would be
 - (A) EIGRP (B) RIP
 - (C) Static (D) Chosen randomly

When a DNS query message is created, a 1-bit ———— flag is used to indicate the action 80. to be taken in case the DNS server does not have the required record.

- (A) Authoritative DNS answer (B) Message not truncated
- (C) Recursion not available (D) Recursion-desired

81. Assurance that the sender of information is provided with proof of delivery and the recipient is provided with proof of the sender's identity, so neither can later deny having processed the information is called

- (A) Authentication (B) Integrity
- (C) Non repudiation (D) Availability

82. Two forms of risk assessment are:

- (A) Analytical and assessment (B) Technical and procedural
- Qualitative and quantitative Subjective and objective (C) (D)

83. An audit log is an example of what type of control?

- (A) Containment (B) Preventive
 - (D) Detection (C) Recovery

84. What is the default port id of https port

- (A) 80 (B) 43(C) (D) 4438433
- A packet filter firewall operates in the 85.
 - (A) Application layer
 - (C) Physical layer

- (B) Network or transport layer
- (D) Data link layer

86.	Which of the following attacks will be protected by a firewall?					
	(A)	Denial of service	(B)	Phishing		
	(C)	Shoulder surfing	(D)	Dumpster diving		
87.	Which of the following is telnet port id					
01.	(A)	21	(B)	22		
	(A) (C)	23	(D)	7		
	(0)	20	(D)			
88.	Which of the statements are not true to classify VPN systems?					
	(A)	Protocols used for tunneling the traffic				
	(B)	Securing the network from bots and malwares				
	(C)	Whether VPNs are providing site-to-site or remote access connection				
	(D)					
89.	Site-to-site VPNs are also known as					
	(A)	Switch-to-switch VPNs	(B)	Peer-to-Peer VPNs		
	(C)	Point-to-point VPNs	(D)	Router-to-router VPNs		
	D					
90.		ccess VPNs rely on ar		for secure connection		
	(A)	IPSec, SSL	(B)	L2TP, SSL		
	(C)	IPSec, SSH	(D)	SSH, SSL		
91.	How many layers are there is the TCP/IP protocol architecture					
	How man	y layers are there is the TCP/IP pr	otocol arch	itecture		
	(A) (C)	y layers are there is the TCP/IP pr 7 4	otocol arch (B) (D)	itecture 6 5		
	(A)	7	(B)	6		
92.	(A)	7 4	(B) (D)	6		
92.	(A) (C)	7 4	(B) (D)	6 5 console and network devices (routers,		
92.	(A) (C)	7 4 — is used between a network ma	(B) (D)	6 5 console and network devices (routers,		
92.	(A) (C) bridges, in	7 4 — is used between a network ma ntelligent hubs) to collect and exch	(B) (D) anagement ange netwo	6 5 console and network devices (routers, ork management information.		
	(A) (C) bridges, in (A) (C)	7 4 — is used between a network mantelligent hubs) to collect and exch VLC DNS	(B) (D) anagement ange netwo (B) (D)	6 5 console and network devices (routers, ork management information. SNMP		
92. 93.	(A) (C) bridges, in (A) (C) 150.51.30	7 4 — is used between a network mantelligent hubs) to collect and exch VLC DNS .40 is a class — IP addre	(B) (D) anagement ange netwo (B) (D) ess	6 5 console and network devices (routers, ork management information. SNMP RIP		
	(A) (C) bridges, in (A) (C) 150.51.30 (A)	7 4 — is used between a network mantelligent hubs) to collect and exch VLC DNS .40 is a class — IP addre A	(B) (D) anagement ange netwo (B) (D) ess (B)	6 5 console and network devices (routers, ork management information. SNMP RIP B		
	(A) (C) bridges, in (A) (C) 150.51.30	7 4 — is used between a network mantelligent hubs) to collect and exch VLC DNS .40 is a class — IP addre	(B) (D) anagement ange netwo (B) (D) ess	6 5 console and network devices (routers, ork management information. SNMP RIP		

94.	The following is not a remote administration tool					
	(A)	ssh	(B)	telnet		
	(C)	rsh	(D)	csh		
95.		•		— contains all domain data including		
	password hashes for users, computers, trusts, etc.					
	(A)	NTDS.dit	(B)	IDS.dit		
	(C)	DNS.dit	(D)	DC.dit		
96.	6. ————————————————————————————————————					
	(A)	LMS	(B)	NTLM		
	(C)	AD	(D)	DMZ		
97.	s used for centralized management of					
	(A)	Local account	(B)	NTLM		
	(C)	DHCP	(D)	Group policy		
98.	98. Which of the following is not a major component of an active directory?					
	(A)	Tree	(B)	Forest		
	(C)	Domain	(D)	Schema		
99.	What is the file system for Active Directory?					
	(A)	FAT	(B)	EXT		
	(C)	NTFS	. ,	XFS		
	(-)		(-)			
100. Which of the following is not a third party tool to audit, manage, monitor, secure, and report on Active Directory?						
	(A)	Lepide	(B)	Netwrix		
	(C)	Ossisto	(D)	Monitor		

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