

S. No	Question	A	B	C	D	Answer
1	Independent malicious program that need not any host program is known as	Trap doors	Trojan horse	Virus	Worm D	D
2	Which was the first ever web server software	GWA	IIS 5.0	CERN httpd	nginx	C
3	which of the following name does not relate to stacks?	LIFO list	Piles	Push-down lists	FIFO lists	D
4	The error that can be pointed out by compiler	Semantic error	Logic error	Syntax error	Internal error	C
5	What is degauss	Erasing magnetic media	Creating magnetic media	Attachment with CPU	None of the above	A
6	Using SQL Server 2000, which of the following symbols is used to indicate parameters in stored procedures?	\$	#	%	@	D
7	Devices on one network can communicate with devices on another network via a	File server	Gateway	Utility server	Printer server	B
8	Which is the feature of OOPS	Polymorphism	Encapsulation	Inheritance	All of the above	D
9	XML Schemas consist of	Properties and methods	Elements and attributes	Structure and data	Tables and relationships	B
10	A device that protects against a sudden increase in electrical power is a(n)	Electrical manipulator	Surge protector	Anti-spiker	Voltage regulator	B
11	In SQL, which command(s) is(are) used to enable/disable a database trigger?	MODIFY USER	ALTER USER	CHANGE USER	All of the above	B
12	E-R modelling technique is a	Top-down approach	Bottom-up approach	Left-right approach	None of the above	A
13	To sort the results of a query use:	ORDER BY	SORT BY	GROUP BY	None of the above	A
14	Which of these is a documented hoax virus?	McDonalds screensaver	Alien.worm	Merry Xmas	Adolph	A
15	Technique that is used to send more than one call over a single line is	Digital transmission	Infrared transmission	Streaming	Multiplexing	D

16	Which one of the following would you find on LinkedIn	Games	Connections	Chat	Applications	B
17	_____ is a form of denial of service attack in which a hostile client repeatedly sends SYN packets to every port on the server using fake IP addresses	Cyber Crime	Memory Shaving	Synflooding	Software Piracy	C
18	A USB communication device that supports data encryption for secure wireless communication for notebooks users is called a	USB Wireless network adapter	Wireless switch	wireless hub	router	A
19	Collecting personal information and effectively posing as another individual is known as the crime of	Spooling	Spoofing	Hacking	Identify theft	D
20	The first digital computer built with IC Chips was known as	IBM 7090	Apple -1	IBM System / 360	VAX-10	C
21	Different components of the motherboard of a PC unit are linked together by sets of parallel electrical conducting lines. What are these lines called?	Conductors	Buses	Connectors	Consecutive	B
22	The displayed data over internet can be classified into two types. They are	Static & Dynamic	Graphica & Text	Data & Voice	None	A
23	Which of the following activity can be termed as software piracy	Soft loading	Counterfieting	Both (a) & (b)	None	D
24	Layer which deals with the transportation of binary data and defines cable & electrical specifications is known as	Data Link Layer	Physical Layer	Session Layer	None	B
25	In Windows ME, what does ME stand for?	Micro-Expert	Millennium-Edition	Multi-Expert	None	B
26	Dr. EF Codd represented _____ rules that a database must obey if it has to be considered a truly relational	<pre> 4 </pre>	<pre> 8 </pre>	<pre> 12 </pre>	<pre> 7 </pre>	C
27	In ER diagram; relationship type is represented by	Rectangle	Diamond	Ellipse	Circle	A

28	First Computer Mouse was built by	Robert Zawacki	William English	Douglas Engelbart	Robert Downey	C
29	A script is a	Program or instruction that is interpreted and carried out by the processor directly	Program or instruction that is interpreted and carried out by the another program	Program or instruction that is interpreted and carried out by the web server	None	B
30	Microprocessor 8085 can address location upto	32K	128K	64K	1M	C
31	In ..... , test cases are designed using only the functional specification of the software without any knowledge of the internal structure of the software.	white-box testing	black-box testing	system testing	acceptance testing	B
32	..... is usually relied on to detect the faults, in addition to the faults introduced during coding phase itself.	System testing	Acceptance testing	Regression testing	Black-box testing	B
33	Single Linked list search complexity is	$O(1)$	$O(n)$	$O(\log \log n)$	None of these	B
34	Which one of the following in place sorting algorithms needs the minimum number of swaps?	Heap sort	Insertion sort	Quick sort	Selection sort	D
35	Who invented the Graphical User Interface(GUI) ?	Apple	Bell Labs	Windows	Xerox	D
36	What is the transfer rate of a standard USB 2.0 Device?	480 Mbit/s	100 Mbit/s	1 Gbit/s	250 Mbit/s	A
37	While we're on the subject of USB, who invented it?	Apple	AMD	Samsung	Intel	D
38	An internetworking protocol that provides virtual circuit service across multiple X.25 protocol, is	X.25	X.400	X.75	None of the above	C

39	The IEEE 802 project of the 1980s involved further defining the lower two layers of the OSI model. A number of standards were agreed upon during that time. Which of the following is the standard for Ethernet?	802.2	802.3	802.4	802.5	B
40	Who is considered to be the "father" of artificial intelligence?	Fisher Ada	Allen Newell	Alan Turning	John McCarthy	D
41	The conference that launched the AI revolution in 1956 was held at?	Stanford	Dartmouth	New York	Harvard	B
42	Banker's algorithm for resource allocation deals with	deadlock avoidance	deadlock prevention	deadlock recovery	mutual exclusion	A
43	Daisy chain is a device for	connecting a number of controllers to a device	Connecting a number of devices to a controller	interconnecting a number of devices to a number of controllers	None of the above	B
44	Which one fo the following best describes phishing?	An email directing the recipient to enter personal details on a fake website	An email warning the recipient of a computer virus threat	An email advertysing a department store	An unwanted email that installs a virus on the recipeint's computer	A
45	What is WPA?	wi-fi protected access	wired protected access	wired process access	wi-fi process access	A
46	Information Technology Act in India was amended in	<pre>2000</pre>	<pre>2004</pre>	<pre>2008</pre>	<pre>2010</pre>	C
47	What is a trap door in a program?	a security hole, inserted at programming time in the system for later use	a type of antivirus	security hole in a network	None of the above	A

48	The Caesar cipher is a _____ cipher that has a key of 3.	transposition	additive	shift	None of the above	C
49	Which of the following is independent malicious program that need not any host program?	Trap doors	Trojan horse	Worm	Virus	C
50	Protocol that has flow control, but not error control is	Simplest	Selective-Repeat ARQ	Go-Back-N ARQ	Stop-and-Wait	D
51	SONET sends _____ frames per second.	<pre>1000</pre>	<pre>2000</pre>	<pre>4000</pre>	<pre>8000</pre>	D
52	The root of the DNS tree is _____.	a string of characters	a string of 63 characters	an empty string	None of the above	C
53	_____ uses thin coaxial cable.	10Base5	10Base2	10Base-T	10Base-F	B
54	Which topology requires a multipoint connection?	Mesh	Star	Bus	Ring	C
55	Which agency developed standards for physical connection interfaces and electronic signaling specifications?	ITU-T	EIA	ISO	ANSI	B
56	_____ refers to the physical or logical arrangement of a network?	Data flow	Topology	Mode of operation	None of the above	B
57	Which one of the following is not a layer of operating system?	Kernel	Shell	Application program	Critical selection	D
58	What is the extension of font file?	.ttf	.mdb	.fft	.txt	A
59	What is TSR in operating system?	Test Status Request	Terminate and Stay Resident program	Take Status Request	Token Set Ready	B
60	Which of the following is characteristic of an operating system?	resource management	error recovery	memory management	All the above	D
61	What is the initial value of the semaphore to allow only one of the many processes to enter their critical section?	<pre>8</pre>	<pre>1</pre>	<pre>16</pre>	<pre>0</pre>	B
62	What scheduling algorithm allows processes that are logical runnable to be temporarily suspended?	preemptive scheduling	non-preemptive scheduling	FIFO	FCFS	A

63	Job Control Language (JCL) statements are used to	Read the input from the slow-speed card reader to the high-speed magnetic disk	Specify, to the operating system, the beginning and end of a job in a batch	Allocate the CPU to a job	None of the above	B
64	Expand CTL?	Common Tree Logic	Computation Tree Logic	Computation Text Logic	Computation Transfer Logic	B
65	A station in a network forwards incoming packets by placing them on its shortest output queue. What routing algorithm is being used?	Static routing	Hot potato routing	Delta routing	None of the Above	B
66	How many digits of the DNIC (Data Network Identification Code) identify the country	First Three	First Four	First Five	None of the Above	A
67	The octal number 234 is equal to Binary number	<pre>100101111</pre>	<pre>10011100</pre>	<pre>100001100</pre>	<pre>100110001</pre>	B
68	What type of connector is used to plug a telephone line into a modem?	RJ-11	RJ-45	RJ-10	COM1	A
69	What is gutter margin when we use MS Office?	Margin that is added to the left margin when printing	Margin that is added to the binding side of page when printing	Margin that is added to right margin when printing	Margin that is added to the outside of the page when printing	B
70	White box testing method does not have	Cyclimatic Complexity	Loop Testing	Graph based testing	None of the above	C
71	The ability of an OS to run more than one application at a time is called	Multitasking	Object Oriented Programming	Multi-use Computing	Time sharing	A

72	Which of the following definitions correctly describes the Dynamic Host Configuration Protocol (DHCP)?	DHCP enables a NIC to determine the MAC address for a given IP address	DHCP enables a NIC to determine the IP address for a given MAC address	DHCP is a technique whereby IP addresses are assigned centrally by a server to each host.	DHCP is a routing protocol run by routers within a network	C
73	Which of the following registers is used to keep track of address of the memory location where the next instruction is located?	Memory address register	Memory data register	Instruction register	Program counter	D
74	The view of total database content is	Conceptual view.	Internal view.	External view.	Physical View.	A
75	What is the range of the numbers which can be stored in an eight bit register ?	-127 to +127	-128 to +128	-128 to +127	-127 to +128	C
76	In memory management , a technique called as paging, physical memory is broken into fixed-sized blocks called	Pages	Frames	Blocks	Segments	B
77	Computers that control processes, accept data in a continuous.....	Data traffic pattern	Data highway	Infinite loop	Feedback loop	D
78	A device for changing the connection on a connector to a different configuration	A converter	A component	An attachment	An adapter	D
79	The method of Internet access that requires a phone line, but offers faster access speeds than dial-up is the _____ Connection	Cable access	Satellite access	Fiber Optic Service	Digital Subscriber Line (DSL)	D
80	Physical security is concerned with protecting computer hardware from human tampering and natural disasters and _____ security is concerned with protecting software from unauthorized tampering or damage	Data	Cyber	Internet	Metaphysical	A
81	Where you are likely to find an embedded operating system?	On a desktop operating system	On a networked PC	On a PDA	On a mainframe	C
82	Human beings are referred to a Homo Sapiens, which device is called Silico Sapiens	Analog Computer	Digital Computer	Hybrid Computer	Mainframe Computer	C

83	Computer is free from tiresome and boredom. We call it	Accuracy	Diligence	Versatility	None	B
84	Before a disk drive can access any sector record, a computer program has to provide the record's disk address. What information does this address specify?	Track number	Sector number	Surface number	All of above	D
85	A set of flip flops integrated together is called	Counter	Adder	Register	None of above	C
86	1 nibble equals to	1 bit	2 bits	4 bits	8 bits	C
87	Daisy wheel printer is a type of	Matrix printer	Impact printer	Laser printer	Manual printer	B
88	Which of these is considered intelligent CASE tool	Workbench	Toolkit	Upper CASE	Lower CASE	A
89	_____ is one reason for problems of data integrity	Data availability constraints	Data inconsistency	Data redundancy	None of above	A
90	Malicious modification or destruction of data such as changing information on Web sites is called	Super Zapping	Vandalism	Spamming	None	B
91	Which one of the following is a cryptographic protocol used to secure http concession?	Transport Layer Security	Explicit Congestion Notification	Resource Reservation Notification (R&N)	Data Link Layer	A
92	The script <?\$ email='adminyeahhub.com'; \$ new = strstr (\$email, '@'; print \$ new); ?> will output	admin	admin@yeahhub	@yeahhub.com	yeahhub.com	C
93	The @active data warehouse architecture includes which of the following?	At least one data mart	Data that can extracted from numerous internal and external sources	Near real-time updates	All of above	D
94	A snowflake schema is which of the following types of tables?	Fact	Dimension	Helper	All of above	D
95	A procedure that calls itself is called	reverse polish	illegal call	recursive	all of the above	C

96	Natural language processing is divided into the two subfields are	symbolic and numeric	algorithmic and heuristic	understanding and generation	None of the above	C
97	Object modules generated by assemblers that contain unresolved external references are resolved for two or more object modules by a/an	operating system	loader	compiler	linker	D
98	A relationship between processes such that each has some part (critical section) which must not be executed while the critical section of another is being executed, is known as	semaphore	mutual exclusion	multiprogramming	multitasking	B
99	For how many processes which are sharing common data, the Dekker's algorithm implements mutual exclusion?	<pre> 1 </pre>	<pre> 2 </pre>	<pre> 3 </pre>	<pre> 4 </pre>	B
100	An audit trail	is used to make back-up copies	is the recorded history of operations performed on a file	can be used to restore lost information	All of the above	B