

**YOUTUBE CHANNEL: S KHAN ACADEMY**

**CS101 QUIZ FILE**

**SOLVED BY SANAULLAH KHAN**

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**Subject Enrolment**

1. Online classes are available (Mathematics)
2. Solved graded activities
  - Assignment's
  - Quizzes
  - GDB's
3. Solved quiz files
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**Final project (MTH620)**

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1. _____ tag only shows the particular pages related to it.	#
2. Sds (secure digital memory cards) provide up to	Few gbs of storage
3. One bit can contain only _____ values.	One
4. Which protocol is suitable for wireless star networks	CSMA/CA
5. Google does not distinguish the capital letters or small letters	This is called case-insensitive
6. Which data compression technique is suitable for situation where the long sequence has same values?	Run length encoding
7. The _____ is the state of process must be sufficient to determine uniquely and completely the action required by each step	Information
8. What is the full form of PHP?	Personal home page
9. UTF-8 uses 24 to _____ bits?	32
10. The set of tasks that ensure the software is correctly implements a specific function is known as	Validation
11. _____ cannot be used in the main memory to store data	Flash drive
12. Post test loop structure refer to?	Test for termination is performed after a body executed
13. A program logic written in an ordinary language illustrating a structure similar to computer instructions is known as _____	Program
14. The process of using DNS to perform a translation is called _____	DNS lookup
15. Which of the correct format to find out a value from any given list?	Search()
16. Bits can represent in chip as:	0.1 form
17. <a> is called the _____ tag in HTML document.	Anchor
18. If we are interested to see the map of some location, we can use map operator in the following way?	Map: Location
19. If we search on google that "how can I hack". Then it would be so _____	Dangerous
20. The impact of truncation error can be reduced by using	Longer mantissa field
21. If the context of computer networks. WWW stand for _____	World wide web
22. A sequence of transaction in which the user establishes initial contact with the computer's operating system is called	Login
23. We need _____ memory to store data permanently.	Non-volatile
24. While structure starts with checking _____	Condition
25. _____ is the most demanded job in united states.	Software developer
26. The "inurl" operator finds _____ web pages which contains the mentioned query in the URL of the web pages	All
27. Binary notation is the way of representing numeric values using only the _____	Digits 0 and 1
28. Name of first graphical browser was _____	Mosaic
29. When allied to list with n entries, the sequential search algorithm will interrogate an average of ----- entries	N/2

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30. In the general-purpose computer, a program called the _____ is permanently stored in the machine's ROM.	BOOT loader
31. Using MPEG techniques, video presentations can be successfully relayed over communication paths that provide transfer related of.	40 Mbps
32. What is the correct expression for finding factorial where $f = 1$ , $i = 1$ ; while( $i \leq n$ )?	$F = f * n$
33. The bit 0 represents the value false and the bit 1 represents the value__	True
34. Loop, is executed in the repetitive fashion under the direction of some	Control process
35. How many iterations are required to find 88 in the following array? {5, 6, 77, 88, 99}	1
36. HDTV is the abbreviation of	High-definition television
37. In which type of communication several signals are transferred at the same time, each on the separate line	Parallel communication
38. Which unit transfer the data from memory to the general-purpose registers	Control unit
39. A pseudocode must have consistent, concise notation for representing recurring _____ structure	Sematic
40. How instruction can be fetched from the main memory to CPU	By using Bus
41. The efficiency of _____ makes it the protocol for choice for DNS lookups and VoIP	UDP
42. Mouse is used to _____ an icon on computer screen	All of the given
43. Which of the following language is used to server side scripting	JavaScript
44. The search results are generally presented in the line of results often referred to as	Search engine results pages
45. User can see directories or file by using	Window explorer
46. JPEG is mostly used for	Photography industry
47. The connection between network to form an internet is handled by devices known as	Router
48. Which of the following is the component name of iterative structures in which initial state is established	Initialize
49. 1 kilobyte (kb) contains _____ bytes	1024 bytes
50. One bit can contain only _____ value	One
51. Which of the following is not a property of a good algorithm	Time taking
52. One term could mean more than one thing for example word: "jaguar" is used in the two mean such as	Animal and car
53. Cloud computing raised concern about _____ and _____ in the word	Scalability, reliability
54. Which excess notation is used to represent 10000 as zero	Excess 16
55. Which operation is used to invert all of the bits of an RGB bitmap image	XOR
56. Phase 2 of problem-solving step is	Get an idea of how an algorithm function might solve the problem

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57. Binary notation has two following representations	Two's complement
58. Bit is	Basic unit of storage
59. Multi-programming is a way to implement	Time sharing
60. What will be the output of the following pseudo code {20, 58, 90, 10, 15, 87, 30, 12, 98} count = 0 For number in list If (number >= 50) Count = count + 1	2
61. Diameter of COMPACT DISK is	12 centimeter
62. _____ loop structure referred to as a posttest loop	Repeat
63. ANSI stand for	American national standards institute
64. Which of the following is one of the major drawbacks of skype?	It uses computer resources without owner's awareness
65. Someone can conclude that specification are software are met or not by	Validation
66. If while (i <= n) . the loop will keep executing until "i" remains	Less than or equal to n
67. If we have to insertion sort on name Fred, Alex, Diana, Byron, Carol, one approach to sorting this list is to note that the sublist consisting of	Only top name
68. Process is a _____ activity	Dynamic activity
69. Tag gives you particular information of any website	Info
70. Which type of instruction an instruction Register holding	Being executed now
71. _____ produces the output as 1 when both are the inputs are 1.	And
72. ENIAC stand for	Electronic numerical integrator and calculator
73. If we are interested to search anywhere in the body of the document, we can use	Intext
74. In binary search, first of all value check at a point	Middle
75. Fetch an instruction, decode the instruction and execute the instruction are part of	Machine cycle
76. The originator of a message can encrypt the message using the	Private key
77. When you search in a google by typing google finds all those pages those contains	All the term given in the query
78. Which of the following terms refers to the process in which a small request is initially made and detailed solution is shared later	Foot-in-the-door technique
79. To construct reliable operating system, we must develop _____ that cover every possible contingency, regardless of how minuscule it may appear	Algorithm
80. _____ is used to detect and remove the presence of known viruses and other infections	Antivirus
81. If we are interested to search a query for a specific file type, you can include such _____ in the query	File type
82. What will be the output of the following pseudo code defFindFactorial(): fact=2	5040

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i=1; while(i<=7) fact=fact*I; i=i+1;	
83. The system software consists of two categories _____ and utility software	Operating system
84. Who introduce the idea of storing the program in main memory	John Von Neumann
85. While structure starts with checking	Condition
86. Using _____ you can search images even by giving a query of another image	Dedicated web link at
87. TLD stands for	Top level Domain
88. SSDs stand for	Solid state disk
89. A CPU consists of three parts	ALU/control Unit, register
90. What does MIDI stand for	Musical instrument digital interface
91. You might search the following or similar thing that might get unpleasant result which might depress you	Skin condition
92. $0011 + 0010 =$ _____	0101
93. The binary search algorithm, what will be the mid value in second level of recursion in the following array {45, 77, 89, 90, 94, 99, 100} and key =99	90
94. Charles Babbage invited the _____ technology	Technology of gear
95. Another problem that can be arise during resource allocation is	Deadlock
96. Most _____ codes use today are Huffman codes	Frequency dependent
97. A long string of bits is often called a	Stream
98. JCL is abbreviation of	Job control language
99. Sequential search involves a circular form of repetition; the binary search executes each stage of repetition as the subtask of the previous stage _____ known as	Recursion
100. The computer of the _____ were note very flexible or efficient	1940s and 1950s
101. OR operator is also represented by _____ sign	
102. Generally how many steps a machine cycle have	Three
103. _____ is the package containing a party's name and that party's public key	Certificate
104. Google drive is an example of	Cloud computing
105. In 16 bits _____ can be store only	99
106. What is the full form of PHP	Personal home page
107. Which of the following is not the form of existing VoIP system	Hard phones
108. A PAN is normally used for short range communications typically	Less than a few meters
109. Which have highly privileged access to the operating system	Super user or administrator
110. The _____ resides on a computer containing hypertext documents be accessed	Webserver

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111.	Instant messaging in which people carry on a written conversation over the internet, is the example of which model?	Peer-to-peer
112.	If we a decimal number 431 then 4 will be considered as hundred, 3 as	Hundred
113.	Always write a pseudo code in ____ manner	Dependent
114.	The repetitive use of an instruction or sequence of instructions is an algorithmic concept, one method of implementing such repetition is the iterative structure known as the	Loop
115.	FTP ____ could check all incoming files for the presence of known viruses and block all infected files	Proxy server
116.	In hexadecimal notation, 1111 is represented by	F
117.	A directories can contains other directories called subdirectories constructed a	Hierarchical organization
118.	Non terminating expansion may also be a source of	Truncation error
119.	After fetching instruction will be decoded and	Executed
120.	Process states include the value of the program counter as well as the contents as the	Registers
121.	While sending a message it is the ____ layer's responsibility to provide an address that is compatible with the internet infrastructure	Application
122.	Establishing a wee-defined set of building blocks from which algorithm representation can be constructed. Such a building block is called a	Primitive
123.	Which of the following is the variation of the firewalls	Spam filters
124.	Another lossless data compression technique is	Frequency-dependent encoding
125.	One of the major uses of the ____ operation is for placing 0s in one part of a bit pattern while not disturbing the other part	AND
126.	Word processor like Microsoft word is an application that	Build editable word documents
127.	TLD stand for	Top level domain
128.	____ tag is used to write paragraph in HTML document	<p>
129.	USB and firewire provide several hundred	Mbps
130.	Controller can connect through a connector that is called	Port
131.	The memory manager allocates	Memory space
132.	Most computers manufactured today use at least ____ for storing values in floating-point notation instead of the 8 bits we have used here	32 bits
133.	In CS, we store and link data in an organized way using	DBMS
134.	Which of the following statement is true	Bridge is more complex than the repeater
135.	Choose the lowest heading level HTML tag from the given option	h6
136.	You can uses ____ search engine for searching images, movies, games or educational content	Google
137.	To control access to the printer, the ____ must keep track of whether printer has been allocated	Operation system

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138.	In binary addition $1 + 1$ is =	10
139.	If you want to search for an exact phrase on google than enclose it in	" "
140.	Main memory is also called	RAM
141.	Email is less time sensitive, so the email service use _____ to transfer email	TCP
142.	Bit pattern must move between the CPU and main memory, between the CPU and each controller, and between each controller and	Main memory
143.	SSL protocol is the backbone of _____	HTTPS
144.	For +ve integers, starting from zero going upward until a single zero is reached followed by all	1's
145.	Software packages that allow user to access hypertext on the internet are called	Browsers
146.	A company can develop _____ for which it chooses to maintain ownership rights	Proprietary systems
147.	The _____ layer receives the segments of the messages for further processing during the message passing over internet	Transport
148.	Which type of instruction register holding?	Being stored now
149.	What is the full form of ASP?	Active server pages
150.	Over which type of bus CPU can fetches its instructions from memory	Central bus
151.	Which of the following is true about firewall	Firewall protect the individual computer from inside instructions
152.	A program that is believed to be correct and a program that is correct. The two are	Not necessarily same
153.	For a network to function reliable, it is important to establish rules by which activities are conducted. Such rules are called	Protocols
154.	Dynamic ram-stores bits as tiny electric charges	Refreshes many times a second
155.	Polya's analysis of problem solving (module 92) is to evaluate the solution for	Accuracy
156.	Which of the following is intangible component	Software
157.	Which of the following protocol help to store the mail messages on the mail server machine	IMAP
158.	One of the earlier computing devices was the	ABACUS
159.	Step wise refinement is a _____ methodology is that it progress from the general to the specific	Top down
160.	Avoid searching the following	Pressure cooker bomb store
161.	If (Targetvalue ==TestEntry): In the above condition. What is "=="?	Assignment operator
162.	_____ is the form of magnetic system.	Flash drive
163.	Hexadecimal represents _____ bits as single symbol	Four

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164.	FIFO is abbreviation of	First in first out
165.	Which register act as temporary holding places for data being manipulated by the CPU	General purpose
166.	_____ keyword is used in python language to define a word	Def
167.	Query is the set of the words given to the search engine for	Searching
168.	Each textual symbol is represented with a _____ pattern	Unique bit
169.	The loudness of sound varies directly with the vibrating	Amplitude
170.	First software for implementing the web was released in	September 1990
171.	_____ is used to store colorful images	RGB
172.	_____ is abstract and distinct from its representation	Algorithm
173.	Pixel are _____	Collection of dots
174.	In which type of computer, the computer user assumes all of the responsibilities of computer operation	Personal computer
175.	Computer science approaches some problems by establishing a well-defined setoff building blocks from which algorithm representation can be constructed. The building blocks are	Primitive
176.	Approximately how many entries a typical dictionary in word processor can contain	25000 entries
177.	The device that is used to store data is called	Storage device
178.	Another cause might be that the signals rom the different machines are blocked from each other by objects of distance even thought they can all communicate with the central AP (a condition known as the)	Hidden terminal problem
179.	Problem-solving phases presented by the mathematician _____ in 1945.	G.Polya
180.	_____ is also consider as character	Numbers
181.	When applied to a list with n entries, the binary search algorithm will interrogate an average of--- entries	$\log_2 n$
182.	RGD stand for	Red, green, blue
183.	If you want to search within the range of the number, you can use	Two dots
184.	The value of the flag must be retrieved from the main memory, manipulated within the _____ and finally stored back in memory	CPU
185.	let a unsorted list Fred, Alex, Diana, Byron, Carol which one will be sorted in last	Carol
186.	RISC is abbreviation of	Reduced instruction set computer
187.	The _____ divides long messages into small segments, which are transmitted over the internet	Transport layer
188.	Which of the following about TCP	More reliable and more efficient
189.	Which type of register is used in program execution	Memory address register
190.	_____ refers to distributed system that are more loosely coupled than cluster but that still work together to accomplish large task	Grid computing
191.	Pseudo code is language	Dependent

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192.	In order to understand binary decimals _____ is used by humans	Decimal
193.	There are _____ iterations in following pseudo code defFindFactorial(): fact=2 i=1: while(i<=7) fact=fact*I; i=i+1;	7
194.	_____ is short version of binary digit, a smallest unit to store data	Bit
195.	_____ can store unique pattern 21 bits	Unicode
196.	Digit on left side of point represent the	Whole number
197.	In excess notation _____ of bit are used to represent each value	Fixed number
198.	Using MPEG technique, video presentations can be successfully relayed over communication paths that provide transfer rates of	40 Mbps
199.	_____ was the first to implement the web	Tim Berners-Lee
200.	Which of these describes stepwise refinement	It is top-down approach
201.	TIFF is abbreviation of	Tagged image file format
202.	When an application wants to display something on the screen, it notifies the	Window managers
203.	The initialization step in loop structure establishes a starting	Condition
204.	What does VoIP stand for	Voice over internet protocol
205.	Time required to move the read/write heads from one track to another	Seek time
206.	27 combinations = _____	128
207.	On social media, sometime, a particular _____ is very popular	Hash tag
208.	Which excess notation is used to represent 100 as zero	Excess 4
209.	In binary addition 1 + 0 is =	1
210.	According to the famous job market website most of the jobs are available in	Computer science
211.	CD stand for	Compact disk (CD)
212.	George Boole invented the _____ operations	Boolean
213.	Which loop structure refers as a pretest loop	While
214.	Post test loop structure refers to	Test for termination is performed after the body is execution
215.	Previously how many bits were used to store 2's complement notation	16 bits
216.	How many choices are possible when using a single if-else statement?	2
217.	A mark or any other distinctive sign associated with product is called	Trademark
218.	Sometime when a device is continuously running it damages us by :	Radiations
219.	Legal notations to control digital ownership are	Ethics
220.	In Belgian pepper Robot works in	Hospitals

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221.	The option of the bullets is in group:	Paragraph
222.	Software Engineering is an engineering discipline that is concerned with	All aspect of computer-based system development, including hardware software and process engineering
223.	Information technology has _____ overarching standardization in place	No
224.	The node at the top is called the _____ node	Root
225.	Modules come in the variety _____	Forms
226.	Act that ranges Government restriction on the wire tape to include transmission of data is:	ECPA
227.	Editing groups have commands	3
228.	The communication between people because of computer science has:	Improved
229.	Information security risks include:	Malicious code
230.	How many common of data mining?	Two
231.	The end of list is called _____	Tail
232.	_____ is used to combine different relations into one relation:	JOIN
233.	In which of the following paradigms, a program is constructed by connecting smaller predefined program units	Function paradigm
234.	A paradigm works on object called	Imperative paradigms
235.	Page setup Group is in which ribbon of MS word?	Page layout
236.	This _____ view of the database is called database model	Conceptual
237.	What will be the output of the following statement? $\text{Int } a = 10 + 4.867;$	14
238.	Usual way of protecting software is:	Patent
239.	A significant example of iterative technique is:	Rational unified process
240.	The bigging of list is called the _____ of the list.	Head
241.	IPR stand for _____	Intellectual property rights
242.	Take group is the part of _____ ribbons	Insert
243.	Today, database technology, combined with _____ technique	Data mining
244.	Shortcut key of cut is:	Ctrl+x
245.	We can decrease indent from group:	Paragraph
246.	If we want to end the page at a specific point and move to the next page we can use:	Page breake
247.	Theoretical track is the part of	Declarative knowledge
248.	We can encrypt	All of these
249.	Content risks include	Harmful Advice
250.	Quick access toolbar by default includes:	All of these

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251.	There we found that a register called a _____ is used to hold the address of the next instruction to be executed.	Program counter
252.	The description of the object's properties is called:	Class
253.	Which of the following is not the advantage of the computer	Fast results
254.	Footer is printed is the:	Bottom margin
255.	Copyright can be applied on:	All of these
256.	The part where different bullets options are given is called	Bullet library
257.	Matching geometric characteristics technique of recognizing images is used in:	Optical character recognition
258.	The SELECT operation extracts _____ from a relation	Rows
259.	The conceptual shapes or arrangement of data is known as:	Data structure
260.	Table group is the part of _____ ribbon	Insert
261.	Extreme programming (XP) is an example of:	Agile method
262.	In assembly language, the instruction like MOV or ADD are called as:	CP-Code
263.	_____ is based on real time factory concept	Factory Pattern
264.	The result of _____ the step in the entire development process should be "tested" for accuracy	Each intermediate step
265.	Which of the following data type will be used for a variable having string of symbols and alphabets	Character
266.	Which of the following language is related to functional paradigm	LISP
267.	What is the full form of SDLC	Software development life cycle
268.	An object is actually a special case of the more general concept of a _____	Component
269.	Float CGPA=2.5: If (CGPA>=3.0) Cout<<"Give Scholarship"; Else Cout<<"sorry you do not qualify for the scholarship"; It will show output	sorry you do not qualify for the scholarship
270.	Second phase of the development phase of the software development life cycle is:	Design
271.	_____ stages about developing a solution to the problem	Design
272.	Which of the following is the contrast of the declarative paradigm?	Imperative paradigm
273.	Which software testing refers to tests that do not rely on knowledge of the software's interior composition?	Black-box testing
274.	_____ refers to functional paradigm	Mathematician
275.	The language understood by the computer without translation is known as:	Machine language
276.	What is the output of the following code? Int sum = 14; If (sum<20) Cout<<"under";	Under

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If (sum>20) Cout<<"over";	
277. Design phase followed by	requirement analysis
278. Each programming language tend to approach the parallel processing paradigm and have different terminology, in Ada we use term --- for this purpose.	Task
279. While ---- and software license agreements provide legal avenues to inhabit outright and unauthorize use of software	Copyrights
280. Which intermodal coupling occurs when a module passes control of execution to another, as in a function call?	Control coupling
281. An array a " " block of data whose entries are of the same type	Rectangular
282. The problem known as the _____ can arise if one transection is in the middle of transferring funds from one account to another when another transection tries to compute the total deposits in the bank	Incorrect summary problem
283. A _____ is the description of only that portion of the database pertinent to the particular user's needs	Subschema
284. Declarative paradigms system is design for	General purpose
285. How do you initialize an array in C	Int arr[3]={1,2,3}
286. We use _____ to reduce unnecessary dependencies or effects on other modulus	Information hiding
287. A process which is used by the software industry to design, develop and test high quality software is known as:	Software life cycle
288. Which one of the following is traditional approach of programming process	Imperative paradigm
289. Stakeholders can be a	Government agencies
290. _____ deals with designing system that harmonize with the physical abilities of humans	Ergonomics
291. Which of the following symbol is used as assignment operator is Ada.	:=
292. --- stage that distinct between the task of a software analyst and a programmer	Implementation
293. DBMS stands for	Database management system
294. The links between _____ in the object-oriented database are normally maintained the DBMS.	Objects
295. What will be the output of the following code? Int main() { Int x = 9; While(x>0) X=x-1;	8
296. In modern computer application, problems are more easily solved in the context of:	Parallel processing
297.	

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## Grand quiz

- ★ compact disk is consist of material: Reflective
- ★ 2 Digital versatile disk capacity is .....MB 600 to 700
- ★ 3 SSDs stand for..... solid state disk
- ★ 4 ASCII codes have ..... combinations 27
- ★ 5 Unicode's have a unique pattern of .....bits. 21
- ★ 6 MIDI stands for..... musical instrument
- ★ digital interface
- ★ 7 Integer representation in 2's complement used normally .....bits
- ★ 32
- ★ 8 When data being compressed consist of long sequence of same value, the compression technique is called.....
- ★ Run length encoding
- ★ 9 SDHC (high capacity) can provide. ....GBs 32
- ★ 10 Mostly computers have additional storage devices called.....
- ★ Mass storage
- ★ 11 Most computers have additional memory device called mass storage is
- ★ DVD,s and flash drive
- ★ 12 When you want to search Google or search a query on a particular social media, you can add a symbol?
- ★ d):"@"
- ★ 13 Fact sheet of ENIAC having weight 30 tons
- ★ 14 Example of search engine is ----- Google, Yahoo and MSN
- ★ 15 The rate at which data transfer to or from disk transfer rate
- ★ 16 Computer hardware is the collection of ..... of computer system
- ★ Physical parts
- ★ 17 A machine especially one programmer by a computer are called

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★ Robots

★ 18 Computer science applications are..... 7

★ 19 Data base learn about will be implemented using -----

★ -- tool like Microsoft access

★ DBMS

★ 20 One of the earlier computer device was the -----

★ --

★ Abacus

★ 21 1 kilo byte is equal to ----- 1024 byte

★ 22 1 tear byte is equal to ----- 1024 GB

★ 23 In one bit we can represent two pattern ----- 0 or 1

★ The bit receiver is known as the machine Main memory

★ 25 RAM access for ----- Random access

★ memory

★ 26 The rate at which can be transferred to or from the disk Transfer rate

★ 27 BDs stand for ----- Blue ray disk

★ 28 CAD stand for ----- Computer added

★ design

★ 29 Loosy techniques can often provide than -----

★ compression than lossless

★ More

★ 30 A variation of dictionary encoding is ----- Adaptive

★ dictionary

★ encoding

★ 31 ----- is storage organization in which are ordered in

★ FIFO fashion

★ Queue

★ 32 Techniques that allow the steps in the machine cycle to

★ overlap

★ Pipelining

★ 33 MP3 do not require transfer rate more than.... 64 Kbps

★ 34 \_\_\_successfully relayed on communication paths having

★ 40 Mbps

★ Transfer rate.

★ MPEG

★ 35 CPU and main memory connected via..... Bus

★ 36 MP3 is short for..... MPEG layer 3

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**(03066793776)**



# YOUTUBE CHANNEL: S KHAN ACADEMY

- ★ 37 The best known system for compressing audio is..... MP3
- ★ 38 The idea of storing a computer's programme in its main memory is called.....
- ★ Stored program
- ★ concept
- ★ 39 CPU is designed to recognise instructions encoded as Bit patterns
- ★ 40 Collection of instructions along with the encoding system is called
- ★ Machine
- ★ language
- ★ 41 RISC stands for Reduced
- ★ instructions set
- ★ computer
- ★ 42 A request to transfer the contents of a register to a memory cell is called.....
- ★ STORE
- ★ instructions
- ★ 43 The commonly used standards for encoding and compressing audio and video were developed:
- ★ MPEG
- ★ 44 CPU consists .....parts: 3
- ★ 45 The use of AND operation is an example of the process.....:
- ★ Masking
- ★ 46 8Kbps=.....: 1KB per second
- ★
- ★ 47 Communication between computer and other device is handling through apparatus called.....:
- ★ Controller
- ★ 48 The ability of a controller to access main memory called.....:
- ★ DMA
- ★ 49 WAN is abbreviated of .....: wide wire network
- ★ 50 The best known system of compressing audio is..... mp3
- ★ 51 Mp3recording generally require transfer rates of no more than -----kbps.
- ★ 64

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- 52 To compare sequence of picture in MPEG only some of the pictures called I – frame
- 53 A machine CPU and main memory are connected by a collection of wires called? Bus
- 54 The idea of storing a computer's program in its main memory is called? Store data
- 55 The now decode the content of its instruction register and executes its by activating the two's complement addition circulatory with inputs being register? 5 and 6
- 56 The use of AND operation example of the process called? Masking
- 57 The result of circular shift is called? Rotation
- 58 Usb and Fire wire provide several? Hundred Mbps
- 59 Communication between computing device is handled over path? Serial and parallel communication
- 60 Gbps is? Billion Bits
- 61 The portion of an operating system that handles this communication is often called the :user interface
- 62 Most file manager allow files to be grouped into a bundle called :folder
- 63 A chain of directories within directions called .....path Directory
- 64 Components of an operating system's kernel is the memory manager
- 65 The memory manger reserves of storage space on a magnetic disk 4GB
- 66 Rom stands for Read only memory

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67 Culprit that auditing systems are designed to detect in the presence

sniffing software

68 A network of former type is called ..... network Open

69 Computer network is often classified as: All of these

70 The technique of holding data for output at a later but more convenient time is called

Spooling

71 A technique that transfer the distribution problem to internet routes --

Multi cast

72 A programme that enter a computer system disguised as a desirable programmed -----

Trojan horse

73 Transporting audio and video across the internet in real time is known as

Streaming

74 If a user is using CGI script on a UNIX server, then the script type is called.....

server side

scripting

75 XML stands for Extensible markup language

76 OSI stands for Open system interconnection

77 3... Is a software that infects a computer by inserting itself into programs that already reside in the machine

Virus

78 ....is an autonomous program that transfers itself through a network, taking up residence in computer and forwarding copies of itself to other computer.

Worm

79 Another form of malicious software is Spyware

80 Dos stands for Denial of service

81 Problem associated with an abundance of unwanted messages is the proliferation of unwanted email called.

Spam

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82 Prevention tool that has filtering connotation is the..... Proxy server

83 SSL stands for Secure socket

layer

84 Public key is used for .....messages Encrypt

85 Virus is executed in a computer Before execution

of Host

86 Explosion of replicated copies that degrade the performance of legitimate application. This is property of

. Worm

87 Trojan can enter through games

and utility

package

88 Spyware also called Sniffing software

89 Process of overloading a computer with messages. DoS

90 Software that act as a shield to protection from adverse actions

proxy server

91 Spam filter can distinguish between desired mail and

spam

True

92 Which key is required to decrypt messages private key

93 Computer Fraud and abuse act Cover Theft of

Information and

worms and

viruses

94 Repeaters passes signals between Two original

buses

95 A bridge is similar to a Repeater

96 Peer-to-peer often abbreviated as P2P

97 \_\_\_\_\_ service allow clients to rent virtual

computers by the

hour, without concern for where the computer hardware is

actually located.

Amazon's

Elastic Compute

Cloud

98 The distinction between the tier-1 and tier-2 ISPs is often

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- ★ a matter of opinion.
- ★ True
- ★ 99 An access ISP is essentially an independent internet, sometimes called Intranet
- ★ 100 The process of using DNS to perform a translation is called DNS Lookup
- ★ 101 VoIP is the abbreviation of Voice over Internet Protocol
- ★ 102 An enormous portion of current internet traffic is used for transporting audio and video across the internet in real time, is known as Streaming
- ★ 103 WWW is the abbreviation of World Wide Web True
- ★ 104 A networking technology called \_\_\_\_\_, which enables an end user to automatically connect to the closest server out of a defined group of servers helps to make CDNs practical
- ★ Anycast
- ★ 105 A second form of VoIP consists of Analog Telephone Adapters
- ★ 106 The point at which one network is linked to an internet is often called Gateway
- ★ 107 Distributed system in which many independent computer work closely together to provide computation or service comparable to a much larger machine?
- ★ Cluster computing
- ★ 108 Each domain must be registered with ICANN process handled by companies called?
- ★ Registrars
- ★ 109 DNS mean? Domain name System
- ★ 110 Software packages that allow users to access hypertext on

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- the internet fall into categories?
- ★ Browsers and
  - ★ Webserver
  - ★ 111 Essentially a notational system by which a text document along with the document's appearance can be encoded as a simple text file
  - ★ HTML
  - ★ 112 Hypertext document also contain special symbol called? Tags
  - ★ 113 URL means? Uniform Resource Locator
  - ★ 114 Common Internet browsers include..... Firefox, safari
  - ★ 115 The distinction is that a hypertext document also contains special symbol..
  - ★ Tags
  - ★ 116 A traditional hypertext document is similar text file because text is HTML - encoded... source version
  - ★ 117 HTML is essentially a notational system by which text document's... simple text file
  - ★ 118 )Music is traditionally represented does not conform the character by character.. text file
  - ★ 119 The additional activity by either the browser or the web browser.. client side
  - ★ 120 Then it hands these segment known .. Packets
  - ★ 121 OSI standard for ..... Open system interconnections
  - ★ 122 Origin prepare a packet it appends a value called .. hop count
  - ★ 123 If two functions were performed 'PROCESS LOAN' AND 'REJECT APPRECIATION' what should be structure of problem
  - ★ If-else method
  - ★ 124 What should be sequence Problem-divide plan-carry plane
  - ★ 125 Stepwise refinement is a strategy to conquer \_\_\_\_ at once Task

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- 126 Which strategy is contrast to stepwise refinement Bottom-up methodology
- 127 Which has cause Computer science to grow so much Algorithms and problem solving
- 128 As a general rule the use of a loop structure produces.....
- Of flexibility
- higher degree
- 129 A method of implementing repetition is the iterative structure known as
- Loop
- 130 Change the state in such a way that it moves towards the termination condition
- Modify
- 131 In each iteration "i" the current value of "i" will.....
- With current value of "f"
- Multiplied
- 132 The control of a loop consist of how many activities Three
- 133 Repeat loop structure referred to as a posttest loop
- 134 If we reach the end of the list without finding the target value our search terminates as....
- Failure
- 135 In which collection of instructions called... body of loop
- 136 Write a\_\_\_ for finding maximum number from a list. pseudo-code
- 137 The loop will keep executing until\_\_\_ remains smaller or equal to n.
- I
- 138 Set of steps that define how a task is performed is called
- Algorithm
- 139 In Unambiguous, the information in the state of the process must be sufficient to determine uniquely and completely the actions required by each step.
- True
- 140 A single algorithm can be represented in \_\_\_\_\_ Many ways
- 141 The sentence, \_\_\_\_\_ could mean either that the grandchildren cause problems when they come to visit or that going to see them is problematic.
- “Visiting grandchildren

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★ can be nerve  
★ racking”

★ 142 One semantic structure is the \_\_\_\_\_ of a computed  
★ value.

★ Saving

★ 143 Another common semantic structure is no any repetition  
★ execution of a statement or sequence of statements as  
★ long as some condition remains true.

★ True

★ 134 In..... a man in Texas received very high radiations. 1986

★ 135 Which is not the advantage of software verification None

★ Computer can execute.....of instructions in a second Billions

★ 137 A measure of the execution time necessary for an  
★ algorithm to complete work in a set of

★ Data

★ 138 In general a recursive function is designed to test for the  
★ termination condition often called

★ Base or

★ degenerative

★ case

★ 139 One method of implementing such repetition is the  
★ iterative structure known as:

★ Loop

★ 140 In which execution of function the tested condition we're  
★ true. ??

★ process loan

★ 141 select the entry in the list known as: test entry

★ 142 A.....methodology progresses from the specific to the  
★ general :

★ bottom up

★ 143 the collection of instructions called?? Body

★ 144 the loosely defined problem solving phases presented by  
★ the mathematicians G.polya in.....??

★ 1945

★ 145 Test for termination is performed before the body is  
★ executed in pretest loop:

★ True

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146 In insertion sort Algorithms lists are sorted out into: alphabetical order

147 IF our target value is not present in oriental list, our approach to search will proceed as:

By dividing into smaller segments

148 Binary search executes each stage of a repetition as a subtask of the previous stage, known as:

Recursion

149 A recursive function is designed to test for: Degenerative and base case and termination condition (All)

## QUIZ NO: 1

1. The **loop** control structure iterates a set of instructions based on the provided condition.

2. One example of an **agile method** is **extreme programming (XP)**.

3. **Factory Pattern** is based on real time factory concept

4. the result of **each intermediate step** in the entire development process should be “tested” for accuracy

5. Which of the following data type will be used for a variable having string of symbols and alphabets.  
**Character**

6. Which of the following language is related to functional paradigm. **LISP**

7. **SLDC = SOFTWARE DEVELOPMENT LIFE CYCLE**

8. software engineering IS AN engineering discipline that is concerned with **all aspects of software production**

9. an object is actually a special case of the more general concept of a **component**

10. The major steps in the traditional **software development life cycle** are **requirements analysis, design, implementation, and testing.**

11. **Design** stages is about developing a solution to the problem.

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12. Which is contrast to the **imperative paradigm** is the **declarative paradigm**.
13. **black-box testing**, which refers to tests that do not rely on knowledge of the software's interior composition. 233
14. How many choices are possible when using a single If-else statement? 2
15. **Mathematicians** refer to functional paradigm.
16. Each programming language tends to approach the parallel processing paradigm from its own point of view, resulting in different terminology. In Ada we use term **Task** for this purpose
17. The **imperative paradigm**, also known as the **procedural paradigm**, represents the **traditional approach** to the programming process.
18. While **copyrights** and software license agreements provide legal avenues to inhibit outright copying and unauthorized use of software,
19. **control coupling**, which occurs when a module passes control of execution to another, as in a function call
20. The Select Operation extracts **rows** from a relation.
21. The PROJECT operation extracts **columns** from a relation.
22. An **array** is a "**rectangular**" block of data whose entries are of the same type.
23. The problem known as the **incorrect summary problem** can arise if one transaction is in the middle of transferring funds from one account to another when another transaction tries to compute the **total deposits in the bank**.
24. A **subschema** is a description of only that portion of the database pertinent to a particular user's needs.
25. **Declarative Paradigms** system is designed for **general-purpose**.
26. How do you initialize an array in C. **int arr[3]={1,2,3}**
27. We use **information hiding** to reduce unnecessary dependencies or effects on other modules.
28. A process which is used by the software industry to design, develop and test high quality software is known as **software life cycle**.
29. Stakeholders can be a **government agency**,

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30. **ergonomics**, which deals with designing systems that harmonize with the physical abilities of humans.
31. **which** of the following symbol is used as assignment operator in Ada. **:=**
32. **implementation** stage that distinct between the tasks of a **software analyst** (sometimes referred to as a system analyst) and a **programmer**.
33. Database management system = **(DBMS)**.
34. The node at the top is called the **root** node.
35. The links between **objects** in an object-oriented database are normally maintained by the DBMS,
36. In modern computer applications. problems or more easily solved in the context of **parallel processing** 2 traditional contact three traditional processing for technology
37. In which of the following paradigms a program is constructed by connecting smaller predefined program units. **functional paradigms**
38. In particular the chart that indicates the entire game is overseen by a function named **control game**
39. Which one of the following is the traditional approach of programming process. **imperative paradigm**
40. Which from the following is not a relational operator  
**% =**
41. the sign of modulus is **%**
42. A significant example of iterative techniques is: **Rational Unified Process**
43. The ..... provides a standardized way of implementing success system that leads to a manageable solution. **decorator pattern**
44. In object-oriented paradigm each object will have its own collection of functions which is known as **methods**
45. Writing programs in a machine language is a tedious task that often leads to errors that must be located and corrected. **debugging**.
46. Correct syntax is **if (condition) Statement An Else Statement B**
47. .... is exemplified by two transactions each of which makes a deduction from the same account  
**lost update problem**

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48. In ..... If two modules interact with the same item of data then modifications made to one module may affect the other. **data coupling**
49. The term **database** refers to a collection of data that is multidimensional in the sense that internal links between its entries make the information accessible from a variety of perspectives.
50. A paradigm works on object called **object-oriented paradigm**
51. in the case of highly standardized languages, compiler designers often provide features, sometimes called machine language. **language extensions**
52. The syntax for using && is. **cmd1 && cmd2**
53. The set of instructions in a computer language to get the desired results is known as **program**
54. This description of the object's properties is called **a class**.
55. A software license is a **legal agreement** between the owner and user of a software product that grants the user certain permissions to use the product without transferring ownership rights to the intellectual property.
56. software development companies are establishing **software quality assurance (SQA)** groups, which are charged with overseeing and enforcing the quality control systems adopted by the organization
57. A **tree** is a collection whose entries have a hierarchical organization similar to that of an organization chart of a typical company.
58. In the case of **large databases** that are subject to heavy transaction loads, it is highly likely that a random snapshot will find the database in the middle of some transaction.
59. From a lay- person's perspective, requirements analysis is often equated with **what**.
60. This **conceptual** view of the database is called a database model.
61. which one is a Unary operator. **NOT OPERATOR**
62. Float CGPA=3.5;  
if (CGPA>=3.0)  
Cout<<"Give Scholarship";  
Else  
Cout<<"Sorry you donot qualify for the scholarship";  
It will show. **Give scholarship**
63. Int i=1;

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```
While(i<=5)
```

```
{
```

```
    Cout<<i;
```

```
    I=i+1;
```

```
}
```

How many times loop will execute? **5**

**64.** Float CGPA=2.5;

```
if (CGPA>=3.0)
```

```
    Cout<<"Give Scholarship";
```

```
Else
```

```
    Cout<<"Sorry you do not qualify for the scholarship";
```

It will show.

**Sorry you do not qualify for the scholarship**

**65** The language understood by a computer without translation is known as: **Machine Language**

**66.** What is the output of the following code?

```
int sum = 14;
```

```
if (sum < 20)
```

```
    cout<<"Under";
```

```
if (sum > 20)
```

```
    cout<<"Over";
```

**Under**

**67.** Float CGPA=3.5;

```
If (CGPA>= 3.0)
```

```
    Count <<"give scholarship";
```

```
Else
```

```
    Count<<"sorry you don't qualify for scholarship";
```

It will show. **Give scholarship**

**68.** How many relational operators are offered by C++? **6**

**69.** The term cohesion refers to this.... **Functional cohesion**

**70.** Which of the following symbol is used at the end of the line to separate statement in many imperative languages..... ;

**71.** A mnemonic system for representing programs is collectively called an numbers.... **Assembly language**

**72.**A model which represents the shift away from strict adherence to the waterfall model is...**iterative model**

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73. The description of the objectives properties is called... **Class**

74. ....refers to data items that can take on only the values true or false .... **Boolean**

Assignment statement is.... =

75. The simplest form of array is the .... array. **One-dimensional**

76. DBMS stands for.... **Database management system**

77. Declarative paradigms system is designed for. **General purpose**

78. The beginning of the list is called the... of the list. **Head**

79. The retrieve the information about an employee, we must select the .... Appropriate identification attributes value from the EMPLOYEE relation. **Tuple**

80. Which is Boolean operator for logical AND. **&&**

81. The term programming paradigm is a misnomer. A more realistic term would be non-procedural paradigm. **Software development paradigm**

82. What will be the output of the following statements?

Int a=3.5+4.4; **7**

83. What will be the output of the following statements?

Int a=10+4.867; **14**

84. Which of the following might be used to convert high level language instructions into machine language?

**An interpreter**

85. Today database technology combines with ... technology.

**Data mining**

86. Third generation language attributes refers to **for all machine**

87. In object-oriented paradigm, each object will have its own collection of functions which is known as:

**Methods**

88. Modules come in a variety of.... **forms**

89... Is used to combine different relations into one relation. **Join**

90. There we found that a register called a.... Is used to hold the address of the next instruction to be executed.

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## Program counter

91. Which one of the following is traditional approach of programming process... **imperative paradigm**
92. The term cohesion refers to this.... **internal binding**
93. Distinction between software engineering and other engineering disciplines is the lack of quantitative techniques called... **metrics**
94. Which one is not a valid data type.... **HTML**
95. The point at which all the steps in a transaction have been recorded in the log is called the... **commit point**
96. A...is a pre-developed model for solving a recurring problem in software design. **Design pattern**
97. Software developed companies are...groups which are charged with overseeing and enforcing the quality control systems adopted by the organization. **SQA**
98. The sign of modules is... **%**
- 99 Which of the following technique is used in software test that examines the functionality of an application without peering into its internal Structures or workings... **black box testing**
- 100.The system interface should be designed for the...**convenience of human**
101. Which of the following is contrast of the declarative paradigm.... **Imperative paradigm**
102. Modules come in the variety of.... **forms**
103. Which of the following is not the reason due to which a software is moved to maintenance stage... **Repair process**
104. The term cohesion refers to this... **internal binding**
105. Sophisticated package design primarily for the software engineering environment know as... **(IDEs) integrated development environments**
106. How many choices are possible when using a single if else statement... **2**
107. For the best software model suitable for the project in which of the phase the developers decide a roadmap for project plain...**software design**
108. In .... if two modules interact with the same item of data, then modification made to one module may affect the other module? **Data coupling**
109. The purpose of....is to explain the future of the software and describe how to use it? **User documentation**

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110. While.... the software agreements provide legal avenue to inhabit outcome copying and unauthorized use of software...**copyrights**
111. The people know as the ...can arise if one transaction is in the middle of transferring funds from one account to another when another transaction tries to compute the total deposits in bank. **Incorrect summary problem**
112. .... Stages that distention between the task of the software analyst or programmer...**implementation**
113. The begging of the list is called the...of the list? **Head**
114. The set of instructions in computer language, to get the desired result is known as... **A program**
115. Which of the following statements is used for output in C++..... **cout<<**
116. The node at the top is called the.... node? **Root**
117. The select operation extracts... from a relation. **Rows**
118. What is the output of the following code?  
Int sum=7;  
If (sum>=30)  
Cout<<"you win";  
If (sum<=20)  
Cout<<"you lose";  
Cout<<"the prize";  
**You lose the prize**
119. The purpose of system... is to describe the software internal composition so that the software can be maintained in its life cycle? **System documentation**
120. Which of the following language is related to object-oriented paradigm... **Smalltalk**
121. In the 1940 research simplified the programming process by developing notational system by which instructions could be represented in.... **mnemonic**
122. The end of the list is called the.... of the list? **Tail**
123. The conceptual shape or arrangements of data is known as..... **data structure**
124. In the case of the incremental model these prototypes involve into the complete final system a process known as. ... **Evolutionary prototypes**

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125. The term programming paradigm is a misnomer. A more realistic term would be non-procedural paradigm.....**software development paradigm**
126. An analogy to the fact that the development process was allowed to flow in only one direction called...**waterfall model**
127. Each programming language trend to approach the parallel processing paradigm and have different terminology. In ada we use term for this purpose.... **task**
128. The result of.... step in the entire development process should be tested for accuracy....**each intermediate step**
129. Extreme programming is an example of... **agile method**
130. A .... alters the execution sequence of the program.... **Control statement**
131. The .... view of the database is called a database model? **Conceptual**
132. A software license is a.... between the owner and the user of a software product that grant the user certain permission to use the product without transferring ownership right to the intellectual property? **Legal agreements**
133. Which one is a unary operator? **Not**
134. If the result after comparison two variables in relational operator is false. Then if statement return values? **0**
135. A process which is used by the software industry to design, develop and test high quality software is known as: **software life cycle**
136. The imperative paradigm also known as the particular machine... **procedural paradigm**
137. Which software testing methodology is to develop the test of set data that ensures that each instruction in the software is executed at least once? **Basis path testing**
138. Third generation attribute refers to.... **for all machine**
139. In object-oriented paradigm each object will have its own collection of functions which know as: **Methods**
140. Modules come in a variety of.... **Forms**
141. ....is used to combine different relation into one relation: **join**
142. There we found that a register called a...is used to hold the address of the next instruction to be executed: **program counter**
143. The point at which all the steps in a transaction have been recorded in the log is called the .. **commit point**
144. An object is actually a special case of the more general concept of the ...**component**

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145. .... refers to data item that take on only the values true or false... **Boolean**

146. The .... provides the standardized way of implementation such system that lead to a manageable solution.... **Decorator pattern**

147. What will be the output of the following code?

```
Int main()
```

```
{
```

```
Int x=9;
```

```
While(x>0)
```

```
X= x-1;
```

```
8
```

148. One operation we might want to perform on a relation is to select **tuples** possessing certain characteristics and to place these selected **tuples** in a new relation

149. A **Pointer** is a storage area that contain such an encoded address.

150. A significant example of iterative technique is **Rational unified process**.

The tasks performed to determine the existence of defects is called \_\_\_\_\_.

**Debugging**

**Testing**

There are \_\_\_\_\_ types of errors.

**3**

Web is a unique invention by humans in terms that it is:

**accessible to all humans**

\_\_\_\_\_ is in Executive team. Project Manager

**CEO**

Planning and tracking of the project is the responsibility of the \_\_\_\_\_.

**Project Manager**

The \_\_\_\_\_ has changed marketing forever, redirecting it from a mass focus to a single person focus.

**Web**

\_\_\_\_\_ based communication allows business entities to coordinate the activities of their globally spread units with greater accuracy.

**Internet**

\_\_\_\_\_ returns a string containing characters copied from positions n to m-1

**substring(n,m)**

\_\_\_\_\_ is a field that uniquely identifies each record stored in a table.

**Primary Key**

\_\_\_\_\_ can be used for entering, editing or viewing data, one record at a time

**Forms**

1. # tag only shows the particular pages related to it.

2. SDs (Secure Digital Memory Cards) Provide up to *few GBs of storage*.

3. One bit can contain only *one* value. 0 or 1

4. Which protocol is suitable for wireless star networks? (**CSMA/CA**),

Carrier Sense, Multiple Access with Collision Avoidance

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- ★ 5. Google does not distinguish the capital letters or small letters. This is called **case-insensitive**
- ★ 6. Which Data Compression Technique is suitable for situation where the long sequence has same value? **Run length encoding**,
- ★ 7. The **information** in the state of the process must be sufficient to determine uniquely and completely the actions required by each step.
- ★ 8. What is the full form of PHP? **Personal Home Page**
- ★ 9. UTF-8 Uses 24 to **32** bits.
- ★ 10. The set of tasks that ensures the software is correctly implements specific function is known as **verification**.
- ★ 11. Someone concludes that specifications of a software are met or not by: **validation**
- ★ 12. **Flash Drive** cannot be used in the main memory to store the data.
- ★ 13. Posttest loop Structure refer to the **test for termination is performed after the body is executed**.
- ★ 14. A program logic written in an ordinary language illustrating structure similar to computer instructions is known as **pseudo code**.
- ★ 15. The process of using DNS to perform a translation is called a **DNS lookup**.
- ★ 16. **Domain name system** = (DNS).
- ★ 17. Which is the correct format to find out a value from any given list? **Search ( )**
- ★ 18. Bits can represent In Chip as: **0. 1 form**
- ★ 19. **<a>** is called the **anchor tag** in HTML document.
- ★ 20. If we are interested to see the map of some location, we can use map operator in the following way:  
**map:Location**
- ★ 21. What is the full form of JSP? **Java Server Page**
- ★ 22. A Public key is used to **Encrypt** messages. A private key is used to **decrypt** messages.
- ★ 23. If you search on google that "how can i hack?". Then nit would be so dangerous.
- ★ 24. The impact of truncation error can be reduced by using **longer mantissa field**.
- ★ 25. (a sequence of transactions in which the user establishes initial contact with a computer's operating system is called **login**).
- ★ 26. We need **nonvolatile** memory to store data permanently.
- ★ 27. While structure starts with checking **condition. while (condition):**
- ★ 28. **Software Developer** is the most demanded job in united states.

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29. The “inurl” operator finds **all** those web pages which contains the mentioned query in the url of the web pages.
30. Binary notation is a way of representing numeric values using only the **Digits 0 and 1**.
31. Name of the first graphical browser **mosaic**.
32. when applied to a list with n entries, the sequential search algorithm will interrogate an average of  $N/2$  entries.
33. In a general-purpose computer, a program called the **boot loader** is permanently stored in the machine’s ROM.
34. Using MPEG techniques, video presentations can be successfully relayed over communication paths that provide transfer rates of **40 Mbps**.
35. What is a correct expression for finding factorial where  $f = 1, i = 1: \text{while } (i \leq 1). f = f * n;$
36. the bit 0 represents the value false and the bit 1 represents the value **true**
37. Loop, is executed in a repetitive fashion under the direction of some **control process**.
39. How many iterations are required to find 88 in the following array? {5,6,77,88,99} **2**
41. (HDTV) is an abbreviation of **high-definition television**.
42. In which type of Communication Several signals are transferred at the same time, each on a separate line?  
**Parallel Communication (93)**
43. which unit transfers the data from memory into the general-purpose registers? **control unit**
44. A pseudocode must have a consistent, concise notation for representing recurring **semantic** structures.
45. How Instruction can be fetched from main memory to CPU? **by using Bus**
46. the efficiency of **UDP** makes it the protocol of choice for DNS lookups and VoIP.
47. mouse is used to: **point, select, drag**.
48. which of the following language used for server-side scripting. **PHP**
49. The search results are generally presented in a line of results often referred to as **search engine results pages (SERP)**
50. User can see directories or files by using **Windows Explorer**.
51. JPEG is mostly used for the **photography industry**
52. The connection between networks to form an internet is handled by devices known as **routers**.
53. **Which** of the following is the component name of iterative structures in which initial state is established.  
**Initialize 175**

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54. 1 kilobyte (kb) byte contains **1024** bytes.
55. Which one of the following is **not** the property of a good algorithm. **Time Taking 159**
56. One term could mean more than one thing for example word: “Jaguar” is used in two meanings such as:  
**animal and car 36**
57. Cloud computing services raise concerns about **privacy and security** in a world.
58. Cloud computing services provide reasonable guarantees of **reliability and scalability**,
59. Which access notation is used to represent 10000 as zero. **Excess 16**
60. Which access notation is used to represent 100 as zero. **Excess 4**
61. The **XOR** operation can be used to invert all of the bits of an RGB bitmap image resulting in an “inverted” color image.
62. Phase 2 of problem-solving steps is **Get an idea of how an algorithmic function might solve the problem**
63. Binary notation has two following representations, **Two’s complement** for storing whole numbers and **Floating-point notation** for fractional numbers
64. **Bit** is the basic unit of storage.
65. multi-programming is a way to implement **time-sharing**?
67. Diameter of compact disk is **12 centimeters**.
68. **Repeat** loop structure referred to as a posttest loop.
69. **While** loop structure referred to as a **pretest loop**.
70. **ANSI** stands for **American National Standards Institute**
71. **ASCII** stands for **American Standard Code for Information Interchange**
72. Which of the following is one of the major drawbacks of Skype? **It uses computer resources without owner’s awareness.**
73. If While ( $i \leq n$ ), then the loop will keep executing until “i” remains: **less than or equal to n.**
74. If we have to insertion sort of names Fred,Alex,Diana,Byron,Carol one approach to sorting this list is to note that the subsist consisting of **only top name**.
75. Process is a **dynamic activity**.
76. **Info** tag gives you particular information of any website.
77. Which type of instruction an Instruction Register Holding? **Being executed now**
78. **AND** produces the output as 1 when **both** of the inputs are 1 Otherwise, it gives output as 0.
79. **OR** produces output of 1 when **any** of the inputs are 1 Otherwise, it gives output as 0,

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80. ENIAC stand for **electronic numerical integrator and calculator**.
81. If we are interested to search anywhere in the body of the document, we can use **intext** operator.
82. In binary search first of all value check at a point **Middle**.
83. Fetch an instruction, Decode the instruction and execute the instruction are part of **Machine cycle**.
84. The originator of a message can encrypt the message using the **Public Key**.
85. When you search in the Google by typing Google finds all those pages which contains **all the terms given in the query**. P31
86. Which of the following terms refers to the process in which a small request is initially made and detailed solution is shared later? **Foot in the Door technique**
87. To construct reliable operating systems, we must develop **algorithms** that cover every possible contingency, regardless of how minuscule it may appear.
88. **antivirus software** is used to detect and remove the presence of known viruses and other infections.
89. If you are interested to search a query for a specific file type, you can include such **file type** in the query.
90. What will be the output of following pseudo code?  
def FindFactorial(): fact = 2 i=1;  
While (i<=7)  
fact=fact\*i;  
i=i+1; print(fact) **5040**
91. System software consists of two categories: **operating system** and **utility software**.
92. Who introduce the idea of storing the program in main memory? **John von Neumann**.
93. Using **dedicated web link** you can search images even by giving a query of another image.
94. TLDs stand for **Top Level Domains**.
95. SSDs stands for **Solid State Disks**.
96. SDs stands for **Secure Digital Memory Cards**.
97. A CPU consists of three parts the **arithmetic/logic unit, the control unit, register**.
98. MIDI stands for **Musical Instrument Digital Interface**.
99. You might search the followings or similar thing and might get unpleasant results which might depress you.  
**Skin Condition [ also Smokers Lungs]**
100.  $0011 + 0010 = 0101$
101. The binary search Algorithm, what will be the mid value in second level of recursion in the following array. {45. 77. 89. 90. 94. 99. 100} and key = 99 **90**
102. Charles Babbage invited the **Technology of Gears**.
103. Another problem that can arise during resource allocation is **deadlock**.

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104. most **frequency dependent** codes in use today are Huffman codes.
105. A long string of bits is often called a **stream**.
106. JCL is abbreviation of **job control language**.
107. sequential search involves a circular form of repetition; the binary search executes each stage of the repetition as a subtask of the previous stage known as **recursion**.
108. The computers of the **1940s and 1950s** were not very flexible or efficient.
109. OR operator is also represented by sign **|**
110. Generally how many steps a machine cycle has? **3** [fetch decode execute]
111. **Certificate** is a package containing a party's name and party's public key.
112. Google Drive is an example of **Cloud computing**.
113. In 16 bits **99** can be store only.
114. Which of the following is not the form of existing VoIP systems? **Hard phones** [soft phones, analog telephone adapters, embedded VoIP phones, current generation of smartphones]
115. A PAN is normally used for short range communications typically **less than a few meters**.
116. PAN = **personal area network**
117. **Super user or the administrator** highly privileged access to the operating system.
118. **Unicode** Can store unique pattern of 21bits.
119. Algorithm for finding binary representation of a positive decimal number contain **three steps**
120. Which of the following could be the correct URL for a HTML file named sample. With the directory path com/etc. at a server name star.com? **<http://www.star.com/etc/sample.html>**
121. Decentralized approach for running various operations leads to efficiency in **pear to peer**
122. If right circular shift is performed on a **byte size bit pattern** eight times, same bit pattern is obtained as it started.
123. By using 16 BITS in two's complement notation how many maximum positive number can be represented **32768**
124. In binary notation 11111111 is equal to **255** [ If you count (128+64+32+16+8+4+2+1 = 255)] **P 60**.
125. According to famous job market website most of the jobs are available in **computer science**
126. Reason behind the Welsch NHS IT failure was **software technical issue**.
127. Using **stock operator** we can find the trend of the stock market for a company.

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128. Within a transfer category which instruction is used to communicating with the devices outside the CPU?  
**i/o instruction**
129. when an application wants to display something on the screen it notifies the **window manager**.
130. FIFO is abbreviation of **first in first out**.
131. the term used for removing process form process table is called **KILLING** process.
132. if you search on Google that how can I hack then it would be so ..... for your security **dangerous P40**
1. ....loop structure referred to as post-test LOOP WHILE { PRE TEST} **Repeat**
2. ....is abstract and distinct from its representation **algorithm**
3. Bit can represent in chips as: **0,1 form**
5. **GIF** can obtain additional compression by using adaptive dictionary system with technique is used by  
adaptive dictionary system for this purpose **LZW technique**
6. Distinction between program believed to be correct and program that is correct is **software verification 189**
7. which tier of ISP is the backbone of internet **Tier 1 ISPs**
8. ....keyword is used in Python language to define a word **def**
9. computer science approaches some problems by establishing a well-defined set of building blocks from  
which algorithm representation can be constructed these building blocks are **1 primitive**
10. when applied to a list with n entries the sequential search algorithm will interrogate an average of  
.....entries **n/2**
11. .... is the most demanded job in the United States **software developer**
12. .... was the first to implement the web **STEVE JOBS** Steve Jobs and Stephen Wozniak in 1976
13. Breaking the task into a number of subtasks compatible with the number of available processes is called  
**Scaling**
14. Releasing space in the ..... can Breaking the deadlock and allowing the remaining process to continue  
their task. **process table**
15. Binary notation has – -----representation **Two`s**
16. Time required to move the read write heads from one track to another **Seek Time**
17. How many iterations are required to find 90 in the following array {5, 6,77, 90,99 } **2**
18. Using .....form eliminate the possibility of multiple representations for the same value **Normalized**
19. For positive integers starting from zero going upward until a single zero is reached followed by all -----.  
**1's**
20. For -ve integers, starting from all 1's going downwards until a single 1 is reached followed by all .....  
**0's.**
21. CPU and RAM are connected with ..... to communicate with each other **bus**
22. 1 bit can contain only..... value **One**
23. Starting with vocabulary words and then giving students reading passage is an example of a **bottom-up**  
**approach**
24. The .... Consists of the instruction that tell the control unit to request an activity with the **arithmetic/logic**  
unit.
25. THE ... ..... resides a computer containing hypertext document to be accessed. **browser**

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26. The HTML source document consists of two sections .....and ..... **Head and body**
27. In CD data is stored on a single track ..... from inside outside **spiral**
28. Bit patterns must move between the CPU and main memory between the CPU and each controller and between each controller and **Main memory**
29. Which of the following is intangible component. **software**
30. VoIP consists of two processes on different machines transferring audio data via the.... model **P2P**
31. Termination condition is -----in the while structure. **Negation of the condition appearing**
32. If the test for termination of a loop is executed after the execution of body, then loop is known as **posttest Loop**
33. If 15 is divided by 5 using repetitive subtraction how many steps it involves **3** must use internet for such type questions
34. In the reverse engineering process what refers to the sophistication of the design information that can be extracted from the source code? **abstraction level**
35. UDP is protocol used for communication, the full form of UDP is **user datagram protocol**
36. Which of the following is true about UDP in comparison to TCP [TRANSMISSION CONTROL PROTOCOL]. **less reliable but more efficient [UDP]**
37. Which of the following is true about TCP in comparison to UDP. **more reliable but less efficient [TCP]**
38. Leibniz's machine work achieved by observing the ..... Position **Final Gear**
39. Which protocol is used to connect to news service and transfer news article between systems' [Network **News Transfer Protocol]**
40. Which of the following is not the form of existing VoIP systems **hard phones**
41. .... tag is used to write paragraph in HTML document **<P>**
42. What does FTP stands for **file transfer protocol**
43. The material that is displayed on the screen is contained in the .....of the HTML document **body**
44. If (TargetValue == TestEntry): in the above condition, what is "=="?  
**Equal to operator**
45. What is the output of given while structure pseudocode: counter =1  
while counter < 11  
puts counter  
counter = counter + 1  
End  
**Print the number from 1 to 10**
46. .in searching, if the target value is not in original list our approach to searching the list will proceed by dividing the list into to **smaller parts**
47. Quantity associated with each position is .... the quantity associated with the position to its right. **Twice**
48. Process is a **Dynamic activity**
49. Which one of the following is not a property of good algorithm **time taking**
50. It is the responsibility of application layer to : **use the services of the name servers to translate mnemonic addresses into IP addresses**
51. . The binary search algorithm uses **Divide and conquer method**
52. Email is less time sensitive so the mail servers use ..... to transfer email. **TCP**
44. Search engines can search -- type of information. **documents images videos**

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53. This finding maximum number function will keep on going until we reach at the least value [12 ,18 ,299 38 ,999 ,89 ,101, 500 ,801 ,45] **45 each time**
54. Problem solving phases presented by mathematician .... in 1945 **G. Polya**
55. Approximately how many entries a typical dictionary in a word processor can contain? **25000 entries**
56. Which of the following terms refers to the process in which a smart request is initially made and detailed solution is shared later? **foot in the door technique**
57. The process involved in a.....is like copying the data rather than moving it. **transfer instruction**

## Quiz no.02

1. Page group includes options: cover **page**
2. A mark or any other distinctive sign associated with products is called: **Trademark**
3. We can customize indentation with: **Ruler**
4. Retailers manage record of their costumers: **Purchases**
5. Social sites includes: **Twitter**
6. Computer science has made hacking bank account: **Possible**
7. Attacks that can be made to prevent access to web sites: **DDOS**
8. Software licenses provide end users with the right to one or more copies of the software without **violating copyrights**
9. Learning procedural knowledge usually involves a process: **Trial-and-error**
10. Which of the following is a robot used in medical field: **Belgian robot**
11. Shortcut to select the whole text in a document: **ctrl+A**
12. Editing group have commands: **3**
13. Matching geometric characteristics technique cannot read: **Handwritten material**
14. Content filtering is used to implement company policies related to: **information system**
15. The location that is used to temporary store the information that has been cut from somewhere: **Clipboard**
16. A **sequential file** is a file that is accessed in a serial manner from its beginning to its end as though the information in the file were arranged in one long row.
17. Arrange Group is in which ribbon of MS Word? **Page Layout**
18. Justify option is used to give spaces to the paragraph on left and right side: **equal**
19. Shortcut to insert a new comment in MS word is: **Shift+F2**
20. The people present around the e-waste gain **diseases**
21. The field of Artificial intelligence is being pursued along paths: **2**
22. People are working in sitting position and thus have more chance to develop: **obesity**
23. Privacy is the "right to be let alone" is written by: **Samuel D. Warren**
24. The shortcut key that Track Changes is **Ctrl+Shift+E**.
25. Information that was once buried in arcane records has become accessible. **database**
26. In the United States is the Privacy Act of 1974 whose purpose was to protect citizens from abusive use of databases: **Government**
27. want to reapply a command, you can use: **Redo**
28. Displaying text in two columns feature is in which tab of MS word: **Page layout**

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- ★ 29. There are many types of sensors: **All of these** (microphones, cameras, range sensors)
- ★ 30. Matching geometric characteristics techniques of recognizing images is used in Optical imaging recognition.
- ★ 31. Electronic Theft include: **online scam**
- ★ 32. How many common forms of data mining? **2** (class description and class discrimination)
- ★ 33. Act that gives parents control over what information websites can collect from kids is: **COPPA**
- ★ 34. Text files, which are \_\_\_\_\_ in which each logical record is a single symbol encoded using ASCII or Unicode. **sequential files**
- ★ 35. Actions according to environment knowledge: **Intelligent action**
- ★ 36. Ribbon has types of Commands: **Three**
- ★ 37. Plagiarism is a major problem in: **Education**
- ★ 38. Data comes from: **All of the above**
- ★ 39. Which of the following acts as a security guard between the Internet and your local area network: **Firewall**
- ★ 40. Ctrl+y is used for: **Redo**
- ★ 41. Ctrl+z is used for: **Undo**
- ★ 42. Process of understanding what the characteristics of images is step: **two**
- ★ 43. Researchers are trying to develop systems that exhibits intelligent behavior in \_\_\_\_\_ track: **Engineering**
- ★ 44. The option of justify is in group: **Paragraph**
- ★ 45. The option of bullets is in group: **Paragraph**
- ★ 46. The option of strike through is in group: **font**
- ★ 47. Hyperlinks have by default color: **Blue**
- ★ 48. Format painter is in group of: **Clipboard**
- ★ 49. Process of understanding what the characteristics of images means refer to: **Image analysis**
- ★ 50. Undo is used by: **Ctrl+z**
- ★ 51. In Belgian Pepper Robot works in: **Hospitals**
- ★ 52. The part where different bullets options are given is called: **Bullet library**
- ★ 53. Software licenses are: **All of these (proprietary, free, open source)**
- ★ 54. Proofing Group is in which ribbon of MS word? **Review**
- ★ 55. Word provides you preformatted text boxes through: **text box**
- ★ 56. A program DOCTOR developed by Joseph Weizenbaum in the mid-1960s named as: **ELIZA**
- ★ 57. The amount of paper American use in a year is: **85 million tons**
- ★ 58. One method that got on social media is the idea of a parent/child cell phone: **Contract**
- ★ 59. Pages is an option in the ribbon: **Insert**
- ★ 60. When we draw a table in MS word the table have Initial column(s): **one**
- ★ 61. A patent can last: **20 years**
- ★ 62. Content filtering works by matching \_\_\_\_\_ of characters: **strings**
- ★ 63. Procedural knowledge is learning: **"How"**
- ★ 64. Declarative knowledge is learning: **"what"**
- ★ 65. We can add charts in MS word from group: **Illustrations**
- ★ 66. Illustration is part of ribbon: **Insert**
- ★ 67. Shortcut to insert end note: **Ctrl+Shift+D**

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68. Shortcut to insert footnote: **Alt+Ctrl+F**
69. major component of syntactic analysis is : **parsing**
70. Command that can immediately go to a page or any marked location within your document: **Go to**
71. The test that matches will have a chance to pass to Turing was of: **5 minutes**
72. Each statement in a natural language can have: **multiple meanings**
73. Shortcut key of paste is : **Ctrl+v**
74. Act that mandates about financial institutions must deal with the private information of individuals:  
**Gramm-Leach-Bliley Act**
75. Meaning of a statement in natural language depends on its **context**
76. Copyright can be applied on: **All of these** (dramatic works, artistic and musical works)
77. Content Risks include: **Harmful Advice**
78. Information security Risks include: **Malicious code**
79. **Sequential files** are ideal for storing data that will be processed in the order in which the file's entries are stored.
80. To select shapes that are hidden or behind the text we can click: **Select objects**
81. We have paste options: **Multiple**
82. Reports can be received at home through email because of investment in: **Computer Science**
83. Font group includes options: **All of these (Typefaces, Highlight, font size)**
84. Attacks can be made to prevent access to websites by crashing: **Servers**
85. Meaning of a statement in natural language depends on the manner in which it is: **communicated**
86. Paragraph group have option: **Shading**
87. Arial is a famous type of: **font family**
88. \_\_\_\_ option is MS word prevent others from making changes to the selected text. **Block Authors**
89. Sometimes when a device is continuously running it damages us by: **Radiations**
90. In some cases, the data collection process is readily apparent; in others it is **subtle**
91. Usual way of protecting software is : **Copyright**
92. When we apply header it is shown at: **Every page of the document**
93. Programming languages are well-designed so that each statement has \_\_\_\_ meaning: **Only one**
94. AI is helping to make **Robots**
95. Act that ranges government restrictions on wire taps to include transmissions of data is: **ECPA**
96. We have to write an equation with 2 as a number and 3 as its power. Which option can be used for this purpose: **Superscript**
97. In context of environment, computer science have impacts: **Both positive & negative**
98. Shortcut key of Cut is: **Ctrl+x**
99. Turing gave a percentage of a machine that will have a chance to pass Turing test in year: **2000**
100. Paste option is a part of home ribbon group called: **Clipboard**
101. The communication between people because of computer science has: **improved**
102. Eye for long amount of time is not meant to look: **2D**
103. Home ribbon contains groups : **All of these (Paragraph, Font, Clipboard)**
104. We can highlight a text from group: **font**
105. Microsoft office includes: **word**
106. MS Word is an example of: **word processors**
107. Content filters are part of Internet: **firewalls**

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108. The default theme of MS word is: **Office**
109. Table group is a part of \_\_\_\_\_ ribbon. **Insert**
110. We can decrease indent from group: **Paragraph**
111. Insert tab can have group: **Pages**
112. If we want to end a page at a specific point and move to the next page we can use: **Page break**
113. Computer science helps in faster response times through: **All of the given** (emails, instant messaging, chat)
114. Access to the forbidden literature because of: **Computer**
115. Style groups in MS word can have: **Shading**
116. Data can come from: **All of these** (Emails, Personal software, Passwords)
117. Gaming addiction can cause problems: **Financial**
118. Content filtering is serving for purpose of: **All of these** (Security, Socialism, Transaction)
119. The style group in the home ribbon is the: **Fourth group**
120. We can set line spacing from group: **Paragraph**
121. Self-driven cars are example of: **AI**
122. Legal notations to control digital ownership are: Copyrights
123. The fifth group in the home ribbon is the: **Editing**
124. Find option includes: **All of these** (Find, Advance find, Go to)
125. Shortcut key to select whole text in a document: **Ctrl+a**
126. The Turing test result of program DOCTOR developed by Joseph Weizenbaum was: **Passed**
127. With computer science the access to private information has: **Increased**
128. Pre written mathematical expressions or formulas are called: **Symbol**
129. In turn the collected information is potentially available to: all of these (marketing firms, political parties, employers)
130. The field of linguistic tends towards which direction: **Theoretical**
131. CAN-SPAM Act applies in: **US**
132. Data mining is practiced on \_\_\_\_\_ data collections, called data warehouses. **Static**
133. Easy access to online health centers is because of : **Computer Science**
134. Theoretical track is a part of: **AI domain**
135. The \_\_\_\_\_ approach leads to a simulation-oriented methodology. **Theoretical**
136. The \_\_\_\_\_ approach leads to a performance-oriented methodology. **Engineering**
137. \_\_\_\_\_ displays the document as it would appear if printed and is the default view. **Print Layout**
138. \_\_\_\_\_ maximizes the Word window on the screen and removes all toolbars etc to allow easy reading. **Read Mode**
139. A \_\_\_\_\_ is a specially formatted letter that appears at the beginning of a paragraph just like you see in newspapers or in books. **drop cap**
140. \_\_\_\_\_ are a way to keep track of reading. **Bookmarks**

## Final quiz

- Hardware malfunctions is related to
- Data updates

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## Data integrity

Data security

Data accessibility

Answer: 2 Chapter No. 36

\_\_\_\_\_ returns a randomly selected, floating point number between 0 and 1.

Math.random

random

**random()**

None of the given

Answer: 3 Chapter No. 35

Autonomous Web Agents are also known as \_\_\_\_\_.

Mobile Agents

Softbots

**Both "Mobile Agents" & "Softbots"**

None of these

Answer: 3 Chapter No. 34

Color mapping scheme reducing the size of 2.25 MB graphic to \_\_\_\_\_ MB.

0.90 MB

**0.75 MB**

1.00 MB

None of these

Answer: 2 Chapter No. 33

There are \_\_\_\_\_ & \_\_\_\_\_ popular schemes to reduce the number of bytes that are required for storing graphics.

1. Contrast & Color Control

Dithering & Color Mapping

Matching & Non-Matching

None of these

Answer: 2 Chapter No. 33

\_\_\_\_\_ images enhanced to impart the illusion of depth.

Parallel

Diagonal

**Flat**

None of these

Answer: 3 Chapter No. 33

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Bit-map images compresses using the \_\_\_\_\_ algorithm.

LZV

**LZW**

LZE

None of these

Answer: 2 Chapter No. 33

A string consisting of JavaScript statements enclosed in double or single \_\_\_\_\_

LINES

EVENTS

TAG's

**QUOTES**

Answer: 4 Chapter No. 32

Mixed-case capitalization of event handlers (e.g. onClick) is \_\_\_\_\_ for JavaScript event handlers defined in HTML code

a Defined Rule

a Requirement

**a Convention**

4. Necessary

Answer: 3 Chapter No. 32

VoIP stands for \_\_\_\_\_

Video over Internet Protocol

Visual on Internet Protocol

**Voice over Internet Protocol**

None of these

Answer: 3 Chapter No. 30

\_\_\_\_\_ is a type of computer-to-computer messaging.

TCP

Telnet

**E-mail**

FTP

Answer: 3 Chapter No. 30

\_\_\_\_\_ is used to transfer files between computers on a TCP/IP network.

TCP

**FTP**

Telnet Protocol

All of the given choices

Answer: 2 Chapter No. 30

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\_\_\_\_\_ addresses are difficult to recognize and remember for humans.

TCP

IP

SMTP

None of these

Answer: 2 Chapter No. 30

Identify the correct statements about function arguments

A comma-separated list of data

Define the interface b/w function and rest of code

They are used to identify the function

They Identify function's type

I and II Only

**II and III Only**

III and IV Only

I, II and III Only

Answer: 1 Chapter No. 29

Specifying the space in which a variable will be effective is called:

Variable declaration

Variable definition

**Variable Scope**

Variable garbage collection

Answer: 3 Chapter No. 29

\_\_\_\_\_ breaks down the message, to be sent over the internet, into packets.

Protocol

**TCP**

IP

NIC

Answer: 2 Chapter No. 28

When the packets reach the destination computer, Who reassembles them into the original message?

UDP

**TCP**

UCP

IP

Answer: 2 Chapter No. 28

TCP stands for:

Transmission Control Practical

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## Transmission Control Protocol

Transfer Center Protocol

None of the given choices

Answer: 2 Chapter No. 28

Files can be downloaded or uploaded using \_\_\_\_\_ protocol.

SMTP

**FTP**

TELNET

None of the given choices

Answer: 2 Chapter No. 27

Electrical pulses received over telephone line are converted into messages (comprehensible by the computer) by using:

Modulator

**Demodulator**

Both Modulator and Demodulator

None of the given choices

Answer: 2 Chapter No. 27

Which of the following device can be used to control network traffic?

Cable

Connector

**Hub**

Repeater

Answer: 3 Chapter No. 27

One can download or upload files to a remote computer using \_\_\_\_\_ protocol.

HTTP

SMTP

**FTP**

TELNET

Answer: 3 Chapter No. 27

Users look for \_\_\_\_\_ solution.

Optimal

**First good enough**

Good

Best

Answer: 2 Chapter No. 25

Users \_\_\_\_\_, how things work.

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Analyze in detail

**Muddle through**

Figure out

Read in detail Answer: 2

Which of the following application is collections of cells?

Word

**Excel**

PowerPoint

Outlook Express

Answer: 2 Chapter No. 22

A vocabulary and set of grammatical rules for instructing a computer to perform specific tasks is called ?

Software

**Programming language**

Device driver

Interpreter

Answer: 2 Chapter No. 19

Programs that are typically started from a shell (or automatically via a scheduler) are called

**Batch programs**

Event-driven programs

Sequential programs

Application programs

Answer: 1 Chapter No. 19

BASIC stands for:

Basic American Standard Information Code

**Beginner's All purpose Symbolic Instruction Code**

Brother and Sisters In Christ

British American Scientific International Commercial

Answer: 2 19

Batch programs do not ?

Print or store the results

Get input data

Execute programs without the interference of user

**Provide event handling**

Answer: 4 Chapter No. 19

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A named collection of properties (data, state) and methods (instructions, behaviour) is called \_\_\_\_\_.

## Object

Entity

Relation

Template

Answer: 1 Chapter No. 18

Randomized algorithms are often \_\_\_\_\_ than deterministic algorithms for the same problem.

Simpler and more slow

**Simpler and more efficient**

Complex and more efficient

Complex and more slow

Answer: 2 Chapter No. 16

Sequence of steps that is taken to solve a problem is called \_\_\_\_\_.

## Algorithm

Operating System

Application software

None of the above

1 16

In Analysis of Algorithms \_\_\_\_\_ generally measured in terms of the number of steps required to execute an algorithm

Bandwidth

## Time

Memory

Logic functions

Answer: 2 Chapter No. 16

\_\_\_\_\_ is generally measured in terms of the number of steps required to execute an algorithm.

Space

## Time

Memory and time

Bandwidth

Answer: 2 Chapter No. 16

Algorithm gives us:

Definition of a problem

Sequence of steps to solve a problem

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Proper understanding of a problem

## **Solution to a problem**

Answer: 4 Chapter No. 16

JavaScript consider every thing as:

Control

Window

## **Object**

Statement

3 15

We can change the background color in HTML, using \_\_\_\_\_ attribute of

background

## **bgcolor**

backcolor

backgroundcolor

Answer: 2 Chapter No. 15

The code in the \_\_\_\_\_ portion is the right choice for developing larger JavaScript scripts.

Body

At End

## **Head**

Separate

Answer: 3 Chapter No. 15

Using only Html we can create \_\_\_\_\_.

Dynamic web pages

## **Static web pages**

Both Static and Dynamic pages

None of these

Answer: 2 Chapter No. 15

WYSIWYG is:

Software

## **The abbreviation of "what you see is what you get"**

A Network company in Japan

The abbreviation of "word you see is what you get"

2 14

VisiCalc was the first popular \_\_\_\_\_ application on PC's.

## **Spreadsheet**

Word processor

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Presentation

Database

Answer: 1 Chapter No. 13

A group of information is called

**File**

Database

Record

Field

Answer: 1 Chapter No. 13

To display a radio button on the web page, we use \_\_\_\_ tag.

INPUTBUTTON

**INPUT**

RADIOBUTTON

RADIO

Answer: 2 Chapter No. 12

When we use <INPUT type="password">, what will happen?

Text will not be visible

Text will be in normal format

Text will be in \*\*\*\* format

Text will be in ##### format

Answer: 3 Chapter No. 12

\_\_\_\_\_ maintains index of names and location of the files.

File Folder

**File manager**

File system

Operating system

Answer: 2 Chapter No. 11

We need \_\_\_\_\_ for memory management in computer.

Software

Hardware

**Operating System**

Application Software

Answer: 3 Chapter No. 11

Which of the following is/are the parts of Operating system components?

GUI

Device Manager

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★ Shell

★ **All of these**

★ Answer: 4 Chapter No. 11

★ \_\_\_\_\_ is the example of Shrink-wrapped software.

★ PIA information system

★ WinZip trial pack

★ Linux

★ **MS Word**

★ Answer: 4 Chapter No. 10

★ Which of the following manages the HW and SW resources of the computer system?

★ Hardware

★ System Software

★ **Operating system**

★ Graphics Software

★ Answer: 3 Chapter No. 10

★ \_\_\_\_\_ translates the High level language program, one statement at time.

★ **Interpreter**

★ Compiler

★ Utility program

★ Anti virus software

★ Answer: 1 Chapter No. 10

★ Structures, in which another list starts before the first list is finished, are called:

★ Multiple Lists

★ **Nested Lists**

★ Ordered Lists

★ Un-ordered Lists

★ Answer: 2 Chapter No. 9

★ <UL> tag is used to

★ underline text

★ end the line

★ create ordered list

★ **create unordered list**

★ Answer: 4 Chapter No. 9

★ 1 byte consists of \_\_\_\_\_ bits.

★ **8**

★ 10

★ 12

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16

Answer: 1 Chapter No. 8

1 byte consists of \_\_\_\_\_ bits.

10

9

8

None of the given choices

Answer: 3 Chapter No. 8

Today's computers are based on the technology of \_\_\_\_\_

Punch cards

Vacuum tubes

**Transistors**

Resistors

Answer: 3 Chapter No. 7

Register is a kind of \_\_\_\_\_ memory.

Fast

**Super fast**

Slow

Very slow

Answer: 2 Chapter No. 7

Microprocessor are made up of semiconductor material called

Aluminum

Copper

Silicon dioxide

**Silicon**

Answer: 4 Chapter No. 7

Which one is correct?

**<HEAD> </HEAD>**

<HEAD> <END>

<HEAD> </END>

<HEAD> <\HEAD>

Answer: 1 Chapter No. 6

Microphone is an input as well as output device. This statement is

True

**False**

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3. Meaningless

Answer: 2 Chapter No. 4

\_\_\_\_\_ are personal computers that are designed to be easily transported and relocated.

1. Desktops

**2. Portables**

Servers

Workstations

Answer: 2 Chapter No. 4

SCSI stands for:

**Small computer system interface**

System Common Small Integration

Silicon Computer System Interface

None of the given choices

Answer: 1 Chapter No. 4

USB stands for:

Uniform System Bill

Universal System Bus

**Universal Serial Bus**

Unified Sequential Bus

Answer: 3 Chapter No. 4

\_\_\_\_\_ can perform at or near the currently highest operational rate for computers.

Microcomputers

**Supercomputers**

Personal Computers

Mini Computers

Answer: 2 Chapter No. 4

CD stands for:

Computer Disc

Computer Data

**Compact Disc**

Compact Data

Answer: 3 Chapter No. 4

\_\_\_\_\_ is the best known builder for supercomputers.

Sun

**Cray Research**

Microsoft

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Apple

Answer: 2 Chapter No. 4

\_\_\_\_\_ is volatile memory.

**RAM**

ROM

Hard Disk

CD ROM

Answer: 1 Chapter No. 4

\_\_\_\_\_ is a related collection of WWW files that includes a beginning file called a homepage.

HTML

**Website**

HTTP

Web page

Answer: 2 Chapter No. 3

The first Web browser with a GUI was generally available in:

1992

**1993**

1994

1995

Answer: 2 Chapter No. 3

The Semantic Web is an idea of \_\_\_\_\_

John Von Neuman

Ada

Bill Gates

**Tim Berners-Lee**

Answer: 4 Chapter No. 3

HTTP stands for:

Hyper Text Transparent Protocol

Hyper Terminal Transfer Provider

Hyper Text Transfer Procedure

**Hyper Text Transfer Protocol**

Answer: 4 Chapter No. 3

\_\_\_\_\_ is a client program that uses HTTP to make requests to Web servers throughout the internet on behalf of the user.

Web Application

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## Web Browser

Internet Application

HTML

Answer: 2 Chapter No. 3

Compared to vacuum tubes, Transistors offer:

Much smaller size

Better reliability

Much lower cost

**All of the given choices**

Answer: 4 Chapter No. 2

\_\_\_\_\_ invented at the Imperial University in Tokyo by Yoshiro Nakamats.

Hard drive

Flash drive

**Floppy disk**

Optical disc

Answer: 3 Chapter No. 2

Vacuum tubes were replaced by \_\_\_\_\_

Punch cards

Transistors

**Micro Processors**

Resistors

Answer: 2 Chapter No. 2

What will replace Transistors?

Electro-mechanical computing

Vacuum tube computing

**Quantum computing**

Nothing can replace Transistors

Answer: 3 Chapter No. 2

If a computer could pass the Turing test then it would be able to:

win a million dollar prize

**think like human beings**

think but slower than humans

do the things faster

Answer: 2 Chapter No. 2

The name of very first computer was \_\_\_\_\_

**ABC**

BCD

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EDC

None of the given choices

Answer: 1

Chapter No. 2

World's first large-scale, automatic digital computer was:

**Atanasoff-Berry Computer**

Harvard Mark 1

ENIAC

IBM-PC

Answer: 1 Chapter No. 2

First computer designed for commercial applications was

UNIVAC 1

ENIAC

EDVAC

**Atanasoff-Berry Computer**

Answer: 4 Chapter No. 2

Atanasoff-Berry Computer is the first computer that used:

**Binary number system**

Octal number system

Decimal number system

Hexadecimal number system

Answer: 1 Chapter No. 2

DARPA stands for

**Defence Advanced Research Project Agency**

Direct Automatic Research Private Agency

Defence Automatic Research Project Agency

None of the given choices

Answer: 1 Chapter No. 2

CERN releases WWW in:

1992

1993

**1994**

None of the given choices

Answer: 4 Chapter No. 2

A \_\_\_\_\_ translates a high-level language (that is easy to understand for humans) into a language that the computer can understand.

Computer

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★ Transistor

★ **Compiler**

★ Device

★ Answer: 3 Chapter No. 2

★ Spread sheet is a type of \_\_\_\_\_.

★ **Productivity software**

★ Engineering software

★ Mathematical software

★ Business software

★ Answer: 1 Chapter No. 1

★ World's first program was written by

★ Charles Babbage

★ Alfred Tennyson

★ **Ada Lovelace**

★ Bernoulli

★ Answer: 3 Chapter No. 1

★ TCP stands for :

★ Transmission Control Practical

★ **Transmission Control Protocol**

★ Transfer Center Protocol

★ None of the given

★ Answer: 1 Chapter No.

★ Browser is a \_\_\_\_\_ used for browsing.

★ Component

★ Tool

★ **None of these**

★ Device

★ Answer: 3 Chapter No.

★ The computer working independently with no connection to any other computer is called:

★ **Standalone**

★ Workstation

★ Server

★ None of the given choices

★ Answer: 1 Chapter No.

★ \_\_\_\_\_ is also known as System Architecture.

★ High level system design

★ Low level system design

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## Every system design

Software Requirement

Answer: 3 Chapter No.

Which one of these is NOT an example of storage devices?

CD

Floppy

Hard Disk

**RAM**

Answer: 4 Chapter No.

The impact of a digit in a number is determined by its \_\_\_\_\_

Value

**Location**

Length

None of above

Answer: 2 Chapter No.

\_\_\_\_\_ was known as “mill” in Analytical engine.

Memory

**Processor**

Monitor

Mouse

Answer: 2 Chapter No.

Which one of these is NOT an example of storage devices?

Tape

**RAM**

Floppy

DVD Answer: 2 Chapter No.

## Quiz file:

Style groups in MS-word can have:

Functions

Control structure iterates a set of instructions based on the provided condition called

Conditional

Information security Risks include:

Online scam

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- ★ Each programming language tends to approach the parallel processing paradigm and have different terminology. In Ada we use term ...for this purpose.
- ★ Thread
- ★ The option of bullets is in group:
- ★ Paragraph
- ★ An analogy to the fact that the development process was allowed to flow in only one direction called
- ★ Waterfall model
- ★ Content filtering is used to implement company policies related to usage of:
- ★ Information system
- ★  $5\%2$  would give
- ★ 1
- ★ Which of the following symbol is used at the end of the line to separate statements in many imperative languages?
- ★ ;
- ★ Privacy is the "right to be let alone" is written by:
- ★ Samuel D. Warren
- ★ "Displaying Text in Two Columns" feature is in which tab of MS Word?
- ★ Page Layout
- ★ ----- refers to data items that can take on only the values true or false
- ★ Boolean
- ★ If we want to end a page at a specific point and move to the next page we can use:
- ★ Page end
- ★ AI is helping to make:
- ★ Robots
- ★ Which of the following is the contrast of the Declarative paradigm?
- ★ Imperative paradigm
- ★ Table group is a part of \_\_\_\_\_ ribbon:
- ★ Insert
- ★ Attacks can be made to prevent access to websites by crashing:
- ★ Servers
- ★ Which of the following statement is used for output in C++?
- ★ `cout<<`

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A model which represents the shift away from strict adherence to the waterfall model is:

Iterative model

A rapidly expanding subject that is closely associated with database technology is \_\_\_\_\_, which consists of techniques for discovering patterns in collections of data.

In the case of highly standardized languages, compiler designers often provide features, sometimes called

Language extension

The system's interface should be designed for the \_\_\_\_\_.

all of above

Which of the following might be used to convert high-level language instructions into machine language?

An interpreter

True parallel processing requires ----- CPU cores

Multiple

Which of the following technique is used in software testing that examines the functionality of an application without peering into its internal structures or workings.

Black box testing

Which of the following is a robot used in medical field :

Belgian robot

In modern computer applications, problems are more easily solved in the context of:

Technology

Turing gave a percentage of a machine that will have a chance to pass Turing test in year:

2000

In Belgian Pepper Robot works in:

Hospitals

Meaning of a statement in natural language depends on its:

Style

Shortcut to insert an end note in MS word is

Alt + Ctrl + D

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- ★ Stakeholders can be a
- ★ Government agencies
- ★ Gaming addiction can cause problems:
- ★ Environmental
- ★ Illustration is a part of ribbon:
- ★ Insert
- ★ DBMS stands for \_\_\_\_\_?
- ★ Database management system
- ★ What will be the output of the following code?
- ★ 

```
int main()
{
int x = 9;
while (x>0)
x=x-1;
cout<<x;
return 0;
}
```
- ★ 0
- ★ In context of health, computer sciences have impacts:
- ★ Both positive & negative
- ★ If the result after comparison of two variables in relational operators is False, then if statement returns value.
- ★ 0
- ★ Now if the result after comparison of two variables is True, then if statement returns value
- ★ 1
- ★ A mnemonic system for representing programs is collectively called a numbers
- ★ Machine language
- ★ Second phase of the development phase of the software development life cycle is:
- ★ Bb
- ★ Which software testing methodology is to develop a set of test data that insures that each instruction in the software is executed at least once?
- ★ White-box testing

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Each statement in natural language can have:

AA

Find option includes:

All of above

A device that responds to stimuli from its environment:

Agent

Format painter is in group of:

Design

In particular, the chart that indicates the entire game is overseen by a function named \_\_\_\_\_

Control Game,

The description of the object's properties is called

Class

Editing group has commands:

5

Which one is a unary operator?

NOT

Quick Access Toolbar by default includes:

All of these

The option of strike through is in group:

Font

In modern computer applications, problems are more easily solved in the context of:

Technology

Equal to sign is

=

Actions according to environment knowledge:

Reflex action

To retrieve the information about an employee, we must select the \_\_\_\_\_ with the appropriate identification attribute value from the EMPLOYEE relation.

Table

How many common forms of data mining?

Two

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- ★ The result of ----- step in the entire development process should be “tested” for accuracy
- ★ Each intermediate step
- ★ From a lay- person’s perspective, design is often equated with How
- ★ The amount of paper American use in a year is:
  - ★ 85 million tons
- ★ Which of the following might be used to convert high-level language instructions into machine language?
  - ★ An interpreter
- ★ Insert tab can have group:
  - ★ Pages
- ★ Writing programs in a machine language is a tedious task that often leads to errors that must be located and corrected
- ★ Debugging
- ★ We have paste options:
  - ★ Multiple
- ★ A significant example of iterative techniques is:
  - ★ Rational unified process
- ★ A software license is a \_\_\_\_\_ between the owner and user of a software product that grants the user certain permissions to use the product without transferring ownership rights to the intellectual property.
  - ★ Legal agreement
- ★ Page group includes options:
  - ★ Cover page
- ★ The syntax for using && is:
  - ★ Cmd1 && cmd 2
- ★ Smart art was introduced in MS word version 2007
- ★ If the result after comparison of two variables in relational operators is False, then if statement returns value 0
- ★ When we apply header it is shown at:

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- ★ Start page of document
- ★ A translator which takes assembly language program as input & produce machine language code as output is known as:
- ★ Assembler
- ★ Theoretical track is a part of:
- ★ Declarative knowledge
- ★ In MS-word different type of effects on the text can be applied with:
- ★ All of given
- ★ While \_\_\_\_\_ and software license agreements provide legal avenues to inhibit outright copying and unauthorized use of software.
- ★ Copy rights
- ★ Social sites includes:
- ★ Twitter
- ★ Correct syntax is:
- ★ If (condition) Statement a Else Statement B.
- ★ There we found that a register called a \_\_\_\_\_ is used to hold the address of the next instruction to be executed.
- ★ program counter
- ★ Software Engineering is an engineering discipline that is concerned with:
- ★ All aspects of software production
- ★ Microsoft office includes:
- ★ Word
- ★ In some cases, the data collection process is readily apparent; in others it is:
- ★ Subtle
- ★ Access to the forbidden literature is because of:
- ★ Computer
- ★ \_\_\_\_\_ are ideal for storing data that will be processed in the order in which the file's entries are stored.
- ★ Sequential files
- ★ Change case control is an example of:
- ★ Dropdown menu
- ★ A program DOCTOR developed by Joseph Weizenbaum in the mid-1960s named as:

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Eliza

Information that was once buried in arcane records has become accessible because of:

Database

Meaning of a statement in natural language depends on the manner in which it is:

Programming languages are well-designed so that each statement has \_\_\_\_\_ meaning:

Only one

\_\_\_\_\_ is based on real time factory concept.

Factory pattern

The fifth group in the home ribbon is the:

Eliding

Retailers maintain record of their costumers:

Purchases

USA has passed legislation allowing the government to actively monitor citizens in the name of:

National security

Data mining is practiced on \_\_\_\_\_ data collections, called data warehouses. static

The links between \_\_\_\_\_ in an object-oriented database are normally maintained by the DBMS.

Objects

In which of the following paradigms, a program is constructed by connecting smaller predefined program units.

Functional paradigm

Int i=1;

While(i<=5)

{

Cout<<i;

I=i+1;

}

How many times loop will execute?

5

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- ★ Paste option is a part of home ribbon group called:
- ★ Clipboard
- ★ Editing group have commands:
- ★ 3
- ★ People are working in sitting position due to computer science and thus have more chance to develop:
- ★ Obesity
- ★ The style group in the home ribbon is the:
- ★ Fourth group
- ★ The sign of modulus is
- ★ %
- ★ \_\_\_\_\_ deals with designing systems that harmonize with the physical abilities of humans.
- ★ Ergonomics
- ★ The communication between people because of computer science has:
- ★ Improved
- ★ Content filtering works by matching \_\_\_\_\_ of characters:
- ★ Strings
- ★ Easy access to online health centres is because of:
- ★ Database
- ★ A \_\_\_\_\_ is a collection whose entries have a hierarchical organization similar to that of an organization chart of a typical company.
- ★ Tree
- ★ Sophisticated packages designed primarily for the software engineering environment known as
- ★ DIES
- ★ The default theme of MS-Word document is:
- ★ Office
- ★ While \_\_\_\_\_ and software license agreements provide legal avenues to inhibit outright copying and unauthorized use of software.
- ★ Copyrights
- ★ The option of justify is in group:
- ★ Paragraph

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-----stages about developing a solution to the problem

Design

A \_\_\_\_\_ is a description of only that portion of the database pertinent to a particular user's needs.

Subschema

Which is Boolean operator for logical AND.

&

Content Risks include:

Harmful Advice

One operation we might want to perform on a relation is to select \_\_\_\_\_ possessing certain characteristics and to place these selected \_\_\_\_\_ in a new relation.

tuple, tuple

In the case of highly standardized languages, compiler designers often provide features, sometimes called

Language extension

We can add charts in MS-word from group:

Table

Turing test was purposed in:

1950

Act that ranges government restrictions on wire taps to include transmissions of data is:

ECPA

Computer science helps in faster response times through:

All of given

In \_\_\_\_\_ software tester is aware of the interior structure of the software and uses this knowledge when designing the test.

Black-box testing

The field of artificial intelligence is being pursued along paths:

3

Software licenses are:

All of these

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Requiring certain degree of uniformity of the style, size and orientation of symbols is a(n):

CCCC

The term programming paradigm is a misnomer. A more realistic term would be

Non-Procedural paradigms

Nontraditional paradigms

In turn the collected information is potentially available to:

All of these

Major component of syntactic analysis is:

DD

We can set line spacing from group:

In assembly language, the instructions like MOV or ADD are called as \_\_\_\_\_

OP-Code

We have to write an equation with 2 as a number and 3 as its power. Which option can be used for this purpose?

BB

The imperative paradigm, also known as the Particular machine

Procedural paradigms

Third generation language attributes refer to

Particular machine

Computer security is also known as:

Cyber-security

In \_\_\_\_\_ if two modules interact with the same item of data, then modifications made to one module may affect the other.

Data coupling

Retailers maintain record of their costumers:

Purchases

Each programming language tends to approach the parallel processing paradigm and have different terminology. In Ada we use term ....for this purpose.

Task

A specific example is the \_\_\_\_\_ series of standards, which address numerous industrial activities such as design, production, installation and servicing.

ISO 9000

In Object Oriented Paradigm, each object will have its own collection of functions which is known as:

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Classes

Pages is an option in the ribbon:

Insert

Learning procedural knowledge usually involves a process:

Trial-and-error

A model which represents the shift away from strict adherence to the waterfall model is:

Iterative model

Distinction between software engineering and other engineering disciplines is the lack of quantitative techniques, called

Metrics

The term cohesion refers to this \_\_\_\_\_.

logical cohesion

Ethical issues are related to:

Moral principles

Modules come in a variety of \_\_\_\_\_.

Forms

\_\_\_\_\_ begins the paragraph with a large letter that spills down into the text:

Drop cap

Plagiarism is a major problem in:

Education

Shortcut key of cut is:

Ctrl+x

Which intermodal coupling occurs when a module passes control of execution to another, as in a function call?

control coupling

Process of understanding what the characteristics of images means refers to:

Analysis

This \_\_\_\_\_ view of the database is called a database model.

Conceptual

If we want to end a page at a specific point and move to the next page we can use:

Page end

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# YOUTUBE CHANNEL: S KHAN ACADEMY

- ★ A file's \_\_\_\_\_ is normally stored as a separate file on the same mass storage device as the \_\_\_\_\_.
- ★ index , indexed file
- ★ Declarative paradigms system is design for
- ★ All of these
- ★ A \_\_\_\_\_ is a pre-developed model for solving a recurring problem in software design.
- ★ design pattern
- ★ The conceptual shape or arrangement of data is known as
- ★ Data structure
- ★ Which of the following language is related to functional paradigm?
- ★ Python
- ★ This conceptual view of the database is called a \_\_\_\_\_ model.
- ★ Database
- ★ Electronic Theft include
- ★ Cyber bullying
- ★ Control structure iterates a set of instructions based on the provided condition called
- ★ Loop
- ★ Shortcut key of paste is:
- ★ Ctrl+v
- ★ Which from the following is not a relational operator?
- ★ !=
- ★ We can highlight a text from group:
- ★ Font
- ★ Reports can be received at home through email because of advancement in:
- ★ Artificial intelligence
- ★ **CAN-SPAM Act applies in:**
- ★ US
- ★ In particular, the chart that indicates the entire game is overseen by a function named \_\_\_\_\_
- ★ Controlgame
- ★ A translator which takes assembly language program as input & produce machine language code as output is known as:

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# YOUTUBE CHANNEL: S KHAN ACADEMY

★ Assembler

★ Which of the following is social issue?

★ All of given

★ A rapidly expanding subject that is closely associated with database technology is \_\_\_\_\_, which consists of techniques for discovering patterns in collections of data.

★ Data mining

★ Assignment statement is

★ =

★ The term \_\_\_\_\_ refers to a collection of data that is multidimensional in the sense that internal links between its entries make the information accessible from a variety of perspectives.

★ Database

★ The statement  $z=x+y$  shows

★ The sum of X and Y be assigned to the variable Z

★ The Turing test result of program DOCTOR developed by Joseph Weizenbaum was:

★ Ambiguous

★ A process which is used by the software industry to design, develop and test high quality software is known as:

★ Software life cycle

★ Shortcut key to select the whole text in a document

★ Ctrl+a

★ In the case of the incremental model these prototypes evolve into the complete, final system, a process known as \_\_\_\_\_.

★ Evolutionary prototyping

★ Microsoft office includes:

★ Word

★ Design ribbon can have:

★ Page border

★ The option of strike through is in group:

★ Particular machine

★ The field of artificial intelligence is being pursued along paths:

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2

Design phase is followed by.....

Implementation

The point at which all the steps in a transaction have been recorded in the log is called the \_\_\_\_\_.

commit point

"Displaying Text in Two Columns" feature is in which tab of MS Word?

Page Layout

Command that can immediately go to a page or any marked location within your document:

Go to

We can customize indentation with:

Ctrl+y is used for:

Redo

1. The result of ----- step in the entire development process should be "tested" for accuracy

Each intermediate step

2. From a lay- person's perspective, design is often equated with How

3. The amount of paper American use in a year is:  
85 million tons

4. Which of the following might be used to convert high-level language instructions into machine language?

An interpreter

5. Table group is a part of \_\_\_\_\_ ribbon:

Insert

6. Attacks can be made to prevent access to websites by crashing:  
Servers

7. Which of the following statement is used for output in C++?  
cout<<

8. A model which represents the shift away from strict adherence to the waterfall model is:

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Iterative model

9. A rapidly expanding subject that is closely associated with database technology is \_\_\_\_\_, which consists of techniques for discovering patterns in collections of data.

Data mining

10. In the case of highly standardized languages, compiler designers often provide features, sometimes called Language extension

11. The system's interface should be designed for the

all of above

12. Which of the following might be used to convert high-level language instructions into machine language?

An interpreter

13. True parallel processing requires ----- CPU cores

Multiple

14. Which of the following technique is used in software testing that examines the functionality of an application without peering into its internal structures or workings.

Black box testing

15. Which of the following is a robot used in medical field :

Belgian robot

16. In modern computer applications, problems are more easily solved in the context of:

Technology

17. Turing gave a percentage of a machine that will have a chance to pass Turing test in year:

2000

18. In Belgian Pepper Robot works in:

Hospitals

19. Meaning of a statement in natural language depends on its:

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Style

20. Shortcut to insert an end note in MS word is

Alt + Ctrl + D

21. Stakeholders can be a

Government agencies

22. Gaming addiction can cause problems:

Environmental

23. Illustration is a part of ribbon:

Insert

24. DBMS stands for \_\_\_\_\_?

Database management system

25. What will be the output of the following code?

```
int main()
```

```
{
```

```
int x = 9;
```

```
while (x>0)
```

```
x=x-1;
```

```
cout<<x;
```

```
return 0;
```

```
}
```

```
0
```

26. In context of health, computer sciences have impacts:

Both positive & negative

27. If the result after comparison of two variables in relational

operators is False, then if statement returns value.

0

28. Now if the result after comparison of two variables is True,

then if statement returns value

1

29. A mnemonic system for representing programs is collectively

called a numbers

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Machine language

30. Second phase of the development phase of the software development life cycle is:

Bb

31. Which software testing methodology is to develop a set of test data that insures that each instruction in the software is executed at least once?

White-box testing

32. Each statement in natural language can have:

AA

33. Find option includes:

All of above

34. A device that responds to stimuli from its environment:

Agent

35. Format painter is in group of:

Design

36. In particular, the chart that indicates the entire game is overseen by a function named \_\_\_\_\_

Control Game,

37. The description of the object's properties is called

Class

38. Editing group has commands:

5

39. Style groups in MS-word can have:

Functions

40. Control structure iterates a set of instructions based on the provided condition called

Conditional

41. Information security Risks include:

Online scam

42. Each programming language tends to approach the parallel

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processing paradigm and have different terminology. In Ada we use term ....for this purpose.

Thread

43. The option of bullets is in group:

Paragraph

44. An analogy to the fact that the development process was allowed to flow in only one direction called

Waterfall model

45. Content filtering is used to implement company policies related to usage of:

Information system

46.  $5\%2$  would give

1

47. Which of the following symbol is used at the end of the line to separate statements in many imperative languages?

;

48. Privacy is the "right to be let alone" is written by:

Samuel D. Warren

49. "Displaying Text in Two Columns" feature is in which tab of MS Word?

Page Layout

50. ----- refers to data items that can take on only the values true or false

Boolean

51. If we want to end a page at a specific point and move to the next page we can use:

Page end

52. AI is helping to make:

Robots

53. Which of the following is the contrast of the Declarative paradigm?

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Imperative paradigm

54. Which one is a unary operator?

NOT

55. Quick Access Toolbar by default includes:

All of these

56. The option of strike through is in group:

Font

57. In modern computer applications, problems are more easily solved in the context of:

Technology

58. Equal to sign is

=

59. Actions according to environment knowledge:

Reflex action

60. To retrieve the information about an employee, we must select the \_\_\_\_\_ with the appropriate identification attribute value from the EMPLOYEE relation.

Table

61. How many common forms of data mining?

Two

62. Insert tab can have group:

Pages

63. Writing programs in a machine language is a tedious task that often leads to errors that must be located and corrected

Debugging

64. We have paste options:

Multiple

65. A significant example of iterative techniques is:

Rational unified process

66. A software license is a \_\_\_\_\_

between the owner and user of a software product that grants the

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user certain permissions to use the product without transferring ownership rights to the intellectual property.

Legal agreement

67.

Page group includes options:

Cover page

68.

The syntax for using && is:

Cmd1 && cmd 2

69.

Smart art was introduced in MS word version

2007

70. If the result after comparison of two variables in relational operators is False, then if statement returns value

0

71. When we apply header it is shown at:

Start page of document

72. A translator which takes assembly language program as input & produce machine language code as output is known as:

Assembler

73. Theoretical track is a part of:

Declarative knowledge

74. In MS-word different type of effects on the text can be applied with:

All of given

75. While \_\_\_\_\_ and software license agreements provide legal avenues to inhibit outright copying and unauthorized use of software.

Copy rights

76. Social sites includes:

Twitter

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77. Correct syntax is:

If (condition) Statement a Else Statement B.

78. There we found that a register called a \_\_\_\_\_ is used to hold the address of the next instruction to be executed.

program counter

79. Software Engineering is an engineering discipline that is concerned with:

All aspects of software production

80. Microsoft office includes:

Word

81. In some cases, the data collection process is readily apparent; in others it is:

Subtle

82. Access to the forbidden literature is because of:

Computer

83. \_\_\_\_\_ are ideal for storing data that will be processed in the order in which the file's entries are stored.

Sequential files

84. Change case control is an example of:

Dropdown menu

85. A program DOCTOR developed by Joseph Weizenbaum in the mid-1960s named as:

Eliza

86. Information that was once buried in arcane records has become accessible because of:

Database

87. Meaning of a statement in natural language depends on the manner in which it is:

88. Programming languages are well-designed so that each statement has \_\_\_\_\_ meaning:

Only one

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89. \_\_\_\_\_ is based on real time factory concept.

Factory pattern

90. The fifth group in the home ribbon is the:

Eliding

91. Retailers maintain record of their costumers:

Purchases

92. USA has passed legislation allowing the government to actively monitor citizens in the name of:

National security

93. Data mining is practiced on \_\_\_\_\_ data collections, called data warehouses.

static

94. The links between \_\_\_\_\_ in an object-oriented database are normally maintained by the DBMS.

Objects

95. In which of the following paradigms, a program is constructed by connecting smaller predefined program units.

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Cout<<i;

I=i+1;

}

How many times loop will execute?

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97. Editing group have commands:

3

98. People are working in sitting position due to computer

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science and thus have more chance to develop:

Obesity

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Improved

103. Content filtering works by matching \_\_\_\_\_ of characters:

Strings

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DIES

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Office

108. While \_\_\_\_\_ and software license agreements provide legal avenues to inhibit outright copying and unauthorized use of software.

Copyrights

109. The option of justify is in group:

Paragraph

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110. -----stages about developing a solution to the problem

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112. Which is Boolean operator for logical AND.

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1950

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ECPA

119. Computer science helps in faster response times through:

All of given

120. In \_\_\_\_\_ software tester is aware of the interior structure of the software and uses this knowledge when designing the test.

Black-box testing

121. The field of artificial intelligence is being pursued along paths:

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# YOUTUBE CHANNEL: S KHAN ACADEMY

3

122. Software licenses are:

All of these

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use term ....for this purpose.

Task

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ISO 9000

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Classes

137. 1Pages is an option in the ribbon:

Insert

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Trial-and-error

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Iterative model

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Metrics

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Logical cohesion

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Moral principles

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Forms

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Drop cap

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design pattern

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Data structure

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Python

156. This conceptual view of the database is called a \_\_\_\_\_ model.

Database

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Cyber bullying

158. Control structure iterates a set of instructions based on the provided condition called

Loop

159. Shortcut key of paste is:

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160. Which from the following is not a relational operator?

!=

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Font

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US

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Data mining

168. Assignment statement is

=

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★ make the information accessible from a variety of perspectives.

★ Database

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★ Joseph Weizenbaum was:

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★ 178. The field of artificial intelligence is being pursued along

★ paths:

★ 2

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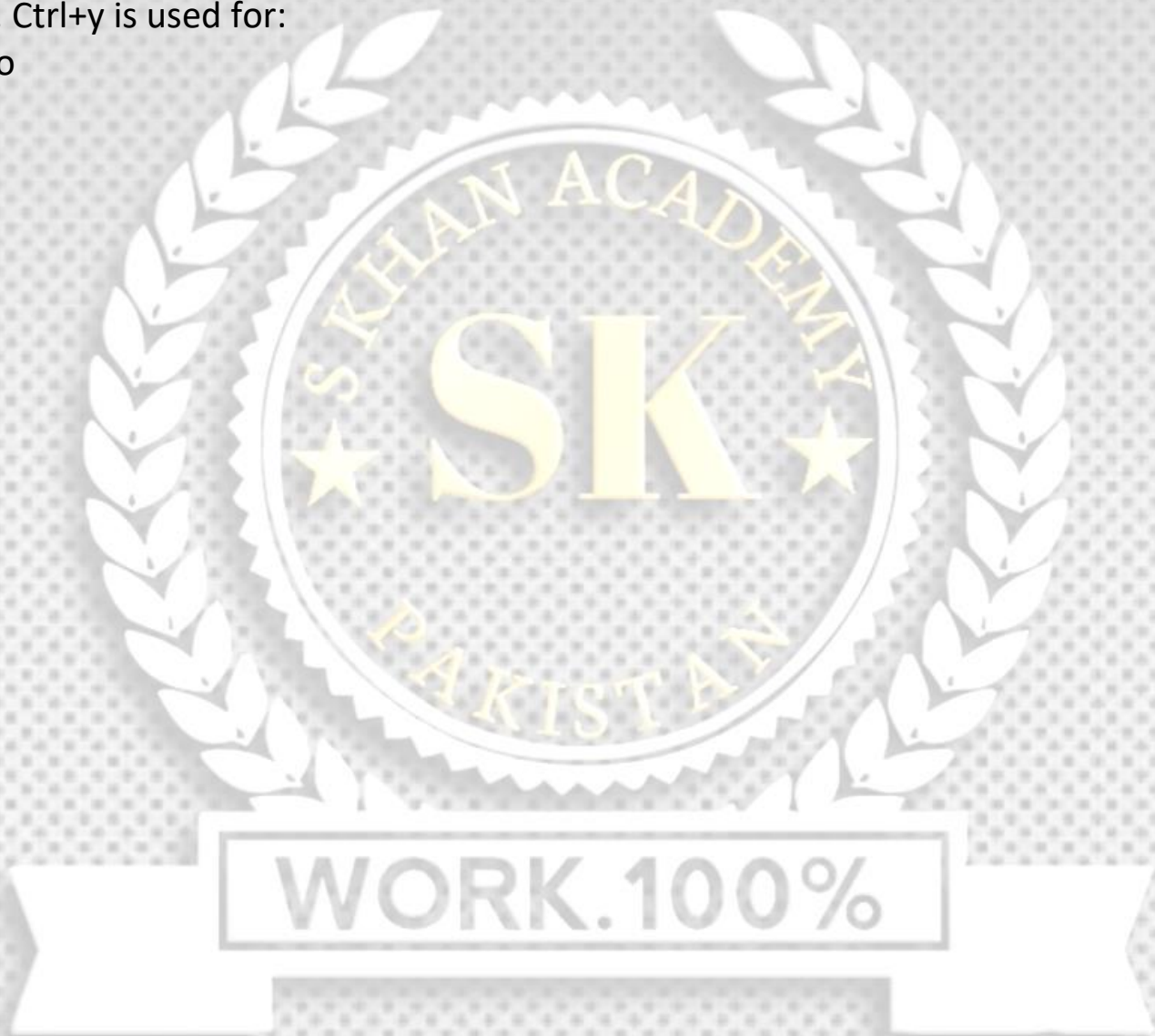
Page Layout

182. Command that can immediately go to a page or any marked location within your document:

Go to

183. Ctrl+y is used for:

Redo



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