Welcome to the computer science quizzes

Play this computer science quiz to learn more about this exciting field

1. The acronym for PC stands for

a) Private Computer
b) Personal Computer
c) Personal Compact
d) Privacy Computer

2. What was the first emoticon ever used?

a) :-D
b) :-)
c) :-(
d) :-0

3. What is the meaning of CPU?
 a) Central Processing Unit
 b) Crucial Processing Unit
 c) Critical Processing Unit
 d) Center Processing Unit

4. What tool would you use to reduce the digital image size?
 a) Filter
 b) Brush
 c) Rotate
 d) Crop

5. A laptop is an example of a personal computer

 a) True
 b) False

6. Why is Big Data important?
 a) Because it is structured
 b) Because of its complexity
 c) Because of its size
 d) Because it may be analyzed to reveal patterns and trends

7. Making a compressed digital archive might produce what type of file format?
 a) ZIP
 b) PDF
 c) JPEG
 d) Doc

8. Choose the best answer that defines information technology.
 a) Sharing personal idea, photos and videos with others.
 b) Involve having a current knowledge and understanding of computer.
 c) The use of hardware and software to store, retrieve and manipulate information.
 d) To enable us to play games or access other sources of information.

9. Which of the following is an important step towards the paperless concept?
 a) Doxing
 b) Debugging
 c) Downloading
 d) Digitizing

10. One of the advantages of Information Technology is

a) Speed and power
b) Strength and power
c) Speed and accuracy
d) Speed and Strength

11. What does acronym FOSS stand for?
a) Free and Open-Source Software
b) Full Option Sensor System
c) Follow-On Support Service
d) Fiber Optics Science System

12. Mainframe can also act as a _____ in a network.
a) Manager
b) Server
c) Client
d) Helper

13. What technology is used to make telephone calls over the Internet possible?
a) Bluetooth
b) Ethernet
c) NFC
d) VoIP

14. All of these are applications in Information Technology except

a) Manufacturing
b) Education

c) Internet

d) Finance

15. Which computer language is the most widely used?

a) Java

b) C#

c) Swift

d) PHP

16. Approximately, how much data exists in the digital universe today?

a) 2.7 zetabytes

b) 2.7 megabytes

c) 2.7 gigabytes

d) 2.7 terabytes

17. Which tech buzzword is closely related to Artificial Intelligence (AI)?

a) Virtual reality

b) Machine learning

c) Cryptocurrency

d) Microservices

18. What is the maximum size of a word document created

a) 32 MB

b) 1 MB

c) 6MB

d) 999KB

19. Which one is the first web browser invented in 1990

a) Internet Explorer

b) Mosaic

c) Mozilla

d) Nexus

20. The computer's main circuit board is called a ...

a) motherboard

b) bluetooth card

c) hard drive

d) monitor

21. Which one of the followings is a programming language

a) HTTP

b) HTML
c) HPML
d) FTP

22. RAM is like a computer's _____, while a hard drive is like a computer's _____.
a) brain/nervous system
b) short-term memory/long-term memory
c) long-term memory/short-term memory
d) nervous system/brain

23. Mac Operating System is developed by which company
a) IBM
b) Apple
c) Microsoft
d) Samsung

24. Which of the following is not an operating system
a) DOS
b) Mac
c) C
d) Linux

25. Who invented Java?

a) Larry Page
b) James A Gosling
c) Grace Murry Hopper
d) Bill Gates

Grammar

Identify active and passive voice

26. By pure coincidence, Rashid came into the store when I happened to be there.
a) active voice
b) passive voice

27. How many cookies _____?

 a) are sold
 b) is sold
 c) are being solt
 d) sold

28. The committee assured me that no follow-up was necessary at the moment.
 a) active voice
 b) passive voice

29. The director studied the file and gave her comments.
 a) active voice
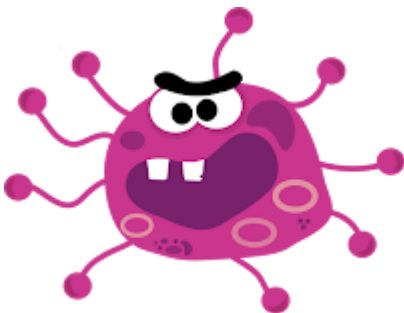 b) passive voice

30. The argument was rejected.
 a) active voice
 b) passive voice

31. The staff is paid at the end of the month.
 a) active voice
 b) passive voice

... go back to the computer science

32. First computer virus is known as

 a) Rabbit
 b) Creeper Virus
 c) Elk Cloner
 d) SCA Virus

33. In computer world, Trojan refer to ...
 a) Virus
 b) Worm
 c) Spyware
 d) Malware

34. What is Scareware?
 a) Antivirus softwares
 b) Operating system
 c) Fake antivirus softwares
 d) Programming language

35. Virus cannot spread through ...
 a) USB
 b) Email
 c) Downloads
 d) Uploads

36. What should be avoided to prevent your computer from a virus attack?
 a) Check the internet connection
 b) Turn your computer on without any unknown cables
 c) Download spyware software
 d) Always scan email attachments before opening

37. Virus is developed in coding by professionals?

 a) True
 b) False

38. For your antivirus software to be effective, you must
 a) turn your computer off
 b) configure it to accept only files from websites and friends you trust
 c) make backup copies of all your word processing files
 d) install it and update it regularly

39. Harm of computer viruses
 a) Consume system resources.
 b) Destroy or steal data
 c) Irritating to users
 d) All 3 plans on

40. A worm is also considered a subclass of virus?
 a) True
 b) False

41. Please choose the right statement in the following statements:
 a) Just an antivirus software is able to kill all viruses.
 b) At one point a virus scanning software only killed some certain viruses.
 c) A virus scanning software only kills a single virus.
 d) Computers that are not connected to the Internet are not infected.

Другое:

42. Sniffing is a type of attack method:
 a) Control remote victim computer
 b) Direct intervention on the victim's machine for important information
 c) Attack cripples the victim's network
 d) Stealing data from online victims

43. The technique of stealing accounts with Keylog is often used by newbie Hacker users because:

 a) Keylog is very strong in identifying user / password in outbound packets
 b) Keylog is very powerful in detecting encrypted passwords (encrypt) or hashed (Hash)
 c) Because most users are not interested in security issues and Anti Virus
 d) It is difficult to be detected by Anti Virus programs

44. What are phishers looking for?
 a) hot private photos
 b) fish
 c) information
 d) cars

Grammar Part 2

Choose the right variant

45. She does not like tea.

a) Tea is not liked by her.
b) Tea have not liked by her.
c) Tea was not liked by her.
d) Tea did not liked by her

46. That you will resign from job next month _____.
a) had better be informed
b) had better to inform
c) had better to be informed
d) had better being informed

47. He hates bad people.

a) Bad people were hated by him.
b) Bad people have hated by him.
c) Bad people is hated by him.
d) Bad people are hated by him.

48. The news that her lost cat _____ was a great happiness to her.
a) is found
b) was found
c) was going to be found
d) has been found

49. Someone is viewing this page right now.
 a) This page is viewed right now by someone.
 b) This page be viewed right now by someone.
 c) This page is being viewed by someone right now
 d) This page is being viewed right now.

50. They don't use machines there.

 a) Machines there are not used.
 b) Machines are not used there.
 c) Machines don't be used there
 d) Machines are not being used there.

Wow! You have left 50 questions behind...

51. Which is TRUE?
 a) Generally once a variable is initialized, it cannot be changed later in most of the programming languages.
 b) If a variable is not initialized, generally it will be assigned a default value in most of the programming languages.
 c) You can change the datatype of a variable at runtime in all programming languages.
 d) All programming languages require to declare the variable first before it can be used.

52. \n , \b, \r and \f are Escape Codes for ... , ... , ..., and .....
 a) New Line, Backspace, Carriage Return, File Feed
 b) Line Feed, Backspace, Carriage Return, File Feed
 c) New Line, Backspace, Carriage Return, Form Feed
 d) New Line, Backspace, Page Return, Form Feed

53. Which is FALSE about literals in a program?
 a) The value of a literal does consume memory just like a variable.
 b) A literal can a boolean, text, number or character values and directly represents a value.
 c) A literal can be used in an expression.
 d) A literal can be either on the right or left side of an expression.

54. What does a computer language compiler do?
 a) Takes the a source files as input and produces an executable program as output.
 b) A compiler translates a program written in high level language to bytes at run-time.
 c) A compiler checks the program source code for errors at run-time.
 d) A compiler complies and executes a program.

55. Which of the following is FALSE?
 a) Some programming languages are case sensitive while some are not.
 b) All programming languages are High Level Languages.
 c) All programming languages support variables.
 d) In some programming languages the variable names can begin with an underscore or a dollar sign.

56. What is TRUE about variables?
 a) That amount and value of data that a variable can hold is determined by its data type.
 b) All programming languages support variable names that begins with a number.
 c) A Constant is a variable whose value cannot be changed once it is initialized.
 d) More than one is correct.

57. What is the best criteria to evaluate efficiency of an algorithm?
 a) Time
 b) Lines of code
 c) Memory
 d) All of the above

58. Which of the following is False about an algorithm?
 a) A algorithm is a step by step instructions to solve a given problem.
 b) LinkedList, Tree, Graphs, etc. are examples of algorithms.
 c) Quick Sort, Merge Sort, Dijkstra, Bellman-Ford, etc. are examples of algorithms.
 d) All the above statements are False.

59. Every HTML page must include a reference to the external file sheet file inside the ____ element.

 a) Footer
 b) Body
 c) Link
 d) <div>

60. In CSS and HTML colors are displayed by combining these three shades of light.
 a) Red, Green, and Blue
 b) Mauve, Salmon, and Black
 c) Yellow, Blue, and Green
 d) Violet, Red, and Orange

61. What is the name of the group of properties that allows you to control the height and width of elements?
 a) Dimension
 b) Size
 c) Block
 d) Box

62. What is the name given to the CSS element that always starts on a new-line and takes up the entire width available to it?
 a) Spacer
 b) Block-level
 c) Margin
 d) Line

63. What are the CSS properties that are used to add space around sections of content?

 a) Cleaner
 b) Break
 c) Padding
 d) Spacing

64. The link element must go inside the _____ section of an HTML document or page.
 a) Head
 b) Body
 c) Footer
 d) Paragraph

65. What is the name of the property that is used to define the special state of an element?
 a) Style
 b) Syntax
 c) Alignment
 d) Pseudo-class

66. What is the name of CSS design that calls for fluid and adaptable elements based on the device resolution or size?
 a) Responsive

b) Evolution

c) Cascading

d) Shifting

67. To write a line comment in Python you simply place the # symbol where you want the comment to begin. The Python interpreter ignores everything from that point to the end of the line.

a) True

 b) False

68. The common programming task of calculating the sum of a series of values is also known as calculating a _____ total.

 a) running

 b) jogging

 c) sprinting

 d) going

69. The ALU performs _____ operation.

 a) Arithmetic

 b) Algorithm

 c) ASCII

 d) Logarithm

70. Statement A: DDL is the language used to define the logical data model, but no other data models.

 Statement B: SQL is a DML language to retrieve, insert, delete and modify data. It is stored in the catalog.

 Which sentence(s) is/are right?

 a) Neither A or B

 b) Only A

 c) A and B

 d) Only B

71. Which of the following commands are not a part of HBase?

 a) Get

 b) Place

c) Describe
d) Put

72. Complete this sentence: In the three-layer architecture, between the external layer and the conceptual/logical layer, there is _____
 a) The internal layer
 b) Logical data independence
 c) No independence, they are basically the same thing
 d) Physical data independence

73. Which statement is NOT CORRECT?
 a) In a file approach to data management, different applications could be using older and newer versions of the same data.
 b) The file approach to data management causes the same information to be stored separately for different applications.
 c) In a file approach to data management, the data definitions are included in each application separately.
 d) In a file approach to data management, a change in the structure of a data file is easily handled because each application has its own data files

74. The DBMS acts as an interface between what two components of an enterprise-class database system?
 a) Database application and the database
 b) Data and the database
 c) The user and the database application
 d) Database application and SQL

75. The following are components of a database except _____
 a) user data
 b) metadata
 c) reports
 d) Indexes

76. An application where only one user accesses the database at a given time is an example of a(n) _____.
 a) single-user database application
 b) multiuser database application
 c) e-commerce database application
 d) data mining database application

77. An on-line commercial site such as Amazon.com is an example of a(n) _____

a) single-user database application
b) multiuser database application
c) e-commerce database application
d) data mining database application

78. The DBMS that is most difficult to use is _____.
a) Microsoft's SQL Server
b) Microsoft's Access
c) IBM's DB2
d) Oracle Corporation's Oracle

How strong is your vocabulary? Let's check it

Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete.

79. I have read one novel by Premchand. I want to read _____ novel by him.
a) other
b) another
c) all
d) few

80. Ambition is one of those _____ which are never satisfied.

a) ideas
b) fancies
c) passions
d) feeds

81. About twenty clerks were made _____ when the banks introduced computers.
a) dispensable
b) redundant
c) expandable
d) obsolete

82. He is so _____ to light that he never leaves the house without sunglasses.
a) insensitive
b) afraid
c) immune
d) sensitive

In the following questions four alternatives are given for the idiom/phrase *italicised and underlined* in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase.

83. The secretary and the treasurer are _hand in glove_ with each other.

a) constantly fighting
b) associates in some action
c) very good friends
d) suspicious of each other

84. He visits the doctor _off and on._
a) everyday
b) regularly
c) never at all
d) occasionally

In each of the sentences given below a word is printed in **bold**. Below it four choices are given. Pick up the one which is most nearly the same in meaning as the word printer in bold and can replaces **it without altering the meaning** of the sentence.

85. The leader nodded his **approbation.**
a) understanding
b) admiration
c) appreciation
d) approval

86. The actor is well known both for his **humility** and courage.
a) pride
b) determination
c) honesty
d) gentleness

87. We should **give a wide berth** to bad characters.
a) keep away from
b) give publicity to
c) publicly condemn
d) not sympathise with

You are to make one last speed march before the final! Let's summon up one's strength....

88. Which among the following is an important circuitry in a computer system that directs the operation of the processor?

a) ALU
b) Accumulator
c) Address bus
d) Control unit

89. In HTML tags consists of keywords enclosed with
a) angular brackets <>
b) flower brackets {}
c) square brackets []
d) parentheses ()

90. _____ search engine sends request for information to several search engines simultaneously and compiles the results.
a) Subject directory
b) Individual
c) Meta
d) Directory

91. The function used for dynamic memory allocation is _____

a) memalloc()
b) blockalloc()
c) mcalloc()
d) malloc()

92. Minimum number of times the do while loop will be executed?
a) 0
b) 1
c) Cannot be predicted
d) None of above

93. A variable defined within a block is visible _____
a) From the point of definition onward in the block
b) From the point of definition onward in the function
c) From the point of definition onward in the program
d) Throughout the function

94. The technique of identifying recurring set of information and replacing them by a single piece of information is called as _____
a) Synthesize
b) Compression

c) Vector Graphics
d) Virtual reality

95. The technique that provides an environment experienced by users as similar to reality is _____
a) Virtual reality
b) Vector graphics
c) Animations
d) Modeling

96. The word polymorphism means ____
a) Many programs
b) Two forms
c) Single form
d) Many shapes

97. The ground station in VSAT communication is called _____
a) Hub
b) HTTP
c) Multiplexer
d) Repeater

98. With an array-based stack, the algorithm for push is _____
a) Increment top and add item to the new top location
b) Add item to the top location and then increment top
c) Return the top item and increment top
d) Return the top item and decrement top

99. Compiler is a program that _____
a) accepts a program written in a high level language and produces an object program
b) appears to execute a source program as if it were machine language
c) automates the translation of assembly language into machine language
d) places programs into memory and prepares them for execution

100. ?: is: a/an
a) Assignment operator
b) Conditional operator
c) Logical AND
d) Inequality

The End! Congrats, you made it !!!

THANKS