QUIZIZZ Worksheets

Name [   ]

Computer Languages Quiz
Total questions: 54
Worksheet time: 33mins
Instructor name: Neha Saney

Class [   ]

Date [   ]

1. _____ is a set of instructions, which tells the computer what to do.

   a) Programming   b) Rules
   c) Program   d) Language

2. Which programming language is used for artificial intelligence and machine learning?

   a) Java   b) Python
   c) C++   d) JavaScript

3. Which of these are examples of Microcomputers? (Tick all that apply.)

   a) Mobile Computers   b) PDP-8
   c) VAX   d) Smartphone

4. What type of programming language is C++?

   a) Functional   b) Scripting
   c) Interpreted   d) Compiled

5. _____ is rule based language or declarative language used as AI applications

   Ans. _____

6. _____ is the oldest high level programming language

   Ans. _____

7. _____ is a popular teaching language as it uses structured programming techniques .

   a) SQL   b) PASCAL
   c) FORTRAN   d) QBASIC
   e) C++

8. _____ PROGRAMM can be developed, compiled and run on any device .

   a) sql   b) python
   c) Java   d) prolog

9.   "High Level languages (HLL) are not machine-dependent". The statement above means:

a) they are closer to natural languages   b) They have a sentence-like structure

c) they can be used on different types of computers   d) they are easy to learn

10.   modular approach is also known as _____

Ans. _____

11.   What is the primary use of SQL?

a) Baking cookies   b) Building websites

c) Managing and querying relational databases   d) Creating animations

12.   Which programming language is commonly used for web development?

a) Python   b) Swift

c) HTML   d) JavaScript

13.   Which among these languages are Low Level Language (LLL) ? *

a) Machine Language   b) Fourth Generation Language

c) Third Generation Language   d) 5GL

14.   What is the purpose of Python programming language?

a) The purpose of Python programming language is   b) The purpose of Python programming language is
    only for gaming development.   versatile and includes web development, data
                                                          analysis, artificial intelligence, scientific
                                                          computing, automation, and more.

c) The purpose of Python programming language is   d) The purpose of Python programming language is
    limited to graphic design.   solely for creating mobile applications.

15.   What is the main feature of C++ programming language?

a) Hardware compatibility   b) Memory management

c) Platform independence   d) Syntax simplicity

16.   **PARAM** is an example of _____.

a) Supercomputers   b) Mainframe computers

c) Mini Computers   d) Microcomputers

17.   _____ has a single microprocessor chip

Ans. _____

18.

The only language understood by the digital devices is...

a) linking language   b) machine language

c) assembly language   d) translation language

19.   What is the difference between compiled and interpreted languages?

a) Compiled languages are executed line by line at runtime, while interpreted languages are translated directly into machine code.

b) Compiled languages are translated directly into machine code, while interpreted languages are executed line by line at runtime.

c) Compiled languages are slower than interpreted languages.

d) Interpreted languages are more efficient than compiled languages.

20.   Java was initiated by _____

a) ISO and ANSI   b) Pascal

c) James Gosling   d) Nikalus

21.   Which translator program converts the high level language program into machine language program, line by line?

a) Linker   b) Compiler

c) Generator   d) Interpreter

22.   _____ is a type of system software

a) Compiler   b) Interpreter

c) Assembler   d) Translator

23.   Which language is known for its use in statistical computing and graphics?

a) Python   b) Java

c) R   d) C++

24.   _____ is a language that stores, manipulates and queries data stores in a database

Ans. _____

25.   _____ language was popular for its scientific applications and require extensive mathematical computation.

Ans. _____

26.   What is the main feature of Java programming language?

    a) Hardware compatibility   b) Syntax simplicity

    c) Platform independence   d) Memory management

27.   Computers understand only _____ language

    a) tertiary   b) programming

    c) syntax   d) binary

28.   _____ program is used in real time processing such as banking and air trafffic

    Ans. _____

29.   Compilers, interpreters and assemblers are translation programs:

    a) used for HLL and LLL   b) Compilers and Interpreters are used for HLL
                                                         instead the assembler is used for LLL

    c) they are used only for LLL

30.   Which language is used for developing mobile applications?

    a) C++   b) Java, Kotlin, Swift

    c) Python   d) HTML

31.   Which programming language is commonly used for data analysis?

    a) JavaScript   b) C++

    c) Java   d) Python

32.   _____ is in the form of Cicret wrist band has 16 gb storage

    Ans. _____

33.   Microwaves, washing machine, medical equipment, cameras, toys and airplanes are some of the
    appliances/ machines which use …

    a) Personal Digital Assistants   b) Micro Computers

    c) Wearable Computers   d) Embedded Systems

34.   5. In which year the compilers introduced ?

    a) 1952   b) 1992

    c) 2002

35.   10. ___ is an example of 5th generation language

    a) OPS 4   b) OPS 5

36.   14. Assembly language programs need to be written for different types of computers.

a) True   b) False

37.   _____ uses words like 'NOT' and "in' and is case sensitive programming language

Ans. _____

38.   The HLL stated with

a) the third generation of programming language   b) the fifth generation of programming language

c) the fourth generation of programming language   d) the second generation of programming language

39.   _____ are the rules governing the formation of statements in a programming language.

a) Rules   b) Syntax

c) Program   d) Grammar

40.   The processor's speed is in megaflop of these computers_____

a) Hybrid   b) Digital

c) Mainframe   d) mini computers

41.   20. 4th generation languages are more programmer-friendly and versatile.

a) True   b) False

42.   COBOL, Fortran, Basic, C and C++ are examples of _____.

a) medium level languages   b) fourth generation languages

c) high level languages   d) low level languages

43.   Which computer language does not require any translation?

a) Fourth-Generation Language   b) High-Level Language

c) Machine Language   d) Assembly Language

44.   It analyzes pulse reading _____

a) EMbedded computers   b) Wellograph

c) BLuetooth - Enabled tooth brush   d) Digital Phone band

45.   _____ is an object oriented programming language

Ans. _____

46.   Process of finding and fixing errors in the syntax so the computer program will run properly

a) Command   b) Debugging

c) Bugs   d) Sequence

47. Which language is often used for system administration and automation?

   a) C++   b) Bash

   c) Java   d) Python

48. _____ IS A BEGINNERS program which displays errors and stops the program and runs after the errors are rectified

   Ans. _____

49. Which type of computer is used for weather forecasting?

   a) PDA   b) Mainframe Computers

   c) Super Computers   d) Wearable Computers

50. What is the primary use of Java programming language?

   a) Managing and querying relational databases   b) Building websites

   c) Developing mobile applications   d) Creating animations

51. **Who developed C languages?**

   a) **Ken Thomson**   b) **Von Neuman**

   c) **Peter Norton**   d) **Dennis Ritchie**

52. Pico projectors are known as handheld projectors True or False

   a) False   b) True

53. A person who writes code and communicates instructions to a computer.

   a) Programmer   b) Command

   c) Program   d) Code

54. Identify the low level languages.

   a) Machine language   b) 4GL

   c) 3GL   d) Assembly Language

Answer Keys

1. c) Program

2. b) Python

3. d) Smartphone ,   Mobile
    a) Computers

4. d) Compiled

5. PROLOG

6. FORTRAN

7. b) PASCAL

8. c) Java

9. c) they can be used on different types of computers

10. Step-wise refinement

11. c) Managing and querying relational databases

12. d) JavaScript

13. a) Machine Language

14. b) The purpose of Python programming language is versatile and includes web development, data analysis, artificial intelligence, scientific computing, automation, and more.

15. b) Memory management

16. a) Supercomputers

17. Microcomputers

18. b) machine language

19. b) Compiled languages are translated directly into machine code, while interpreted languages are executed line by line at runtime.

20. c) James Gosling

21. d) Interpreter

22. d) Translator

23. c) R

24. SQl

25. FORTRAN

26. c) Platform independence

27. d) binary

28. ADA

29. b) Compilers and Interpreters are used for HLL instead the assembler is used for LLL

30. b) Java, Kotlin, Swift

31. d) Python

32. Digital Wrist Band

33. d) Embedded Systems

34. a) 1952

35. b) OPS 5

36. a) True

37. PYTHON

38. a) the third generation of programming language

39. b) Syntax

40. c) Mainframe

41. a) True

42. c) high level languages

43. c) Machine Language

44. b) Wellograph

45. C++

46. b) Debugging

47. b) Bash

48. BASIC AND QBASIC

49. c) Super Computers

50. c) Developing mobile applications

51. d) **Dennis Ritchie**

52. b) True

53. a) Programmer

54. d) Assembly   ,   Machine Language   a) language