

C++ TEST-1 (INTRO & EVOLUTION)

Total points 50/50 ?

STUDENT NAME *

VIVA
.....

✓ 1. Who developed the C++ programming language? *

1/1

- ☐ A) Dennis Ritchie
- ☒ B) Bjarne Stroustrup
- ☐ C) James Gosling
- ☐ D) Guido van Rossum



✓ 2. C++ was developed at _____. *

1/1

- ☐ A) Microsoft
- ☒ B) Bell Laboratories
- ☐ C) IBM
- ☐ D) Sun Microsystems



✓ 3. In which year was C++ developed? *

1/1

- ☐ A) 1972
- ☒ B) 1979
- ☐ C) 1985
- ☐ D) 1980



✓ 4. C++ was originally known as _____. *

1/1

- ☐ A) OOP-C
- ☐ B) C with Objects
- ☒ C) C with Classes
- ☐ D) Advanced C



✓ 5. C++ is a _____ language. *

1/1

- ☐ A) Procedural
- ☐ B) Functional
- ☐ C) Object-Oriented
- ☒ D) Both Procedural and Object-Oriented



✓ 6. The major programming paradigm introduced in C++ is _____. * 1/1

- ☐ A) Structured Programming
- ☒ B) Object-Oriented Programming
- ☐ C) Functional Programming
- ☐ D) Assembly Programming



✓ 7. The file extension of a C++ source code file is _____. * 1/1

- ☐ A) .c
- ☒ B) .cpp
- ☐ C) .class
- ☐ D) .java



✓ 8. The main advantage of C++ over C is _____. * 1/1

- ☐ A) Faster execution
- ☐ B) Easier syntax
- ☒ C) Object-oriented features
- ☐ D) Less memory usage



✓ 9. C++ is often called a _____ of C. *

1/1

- ☐ A) Subset
- ☒ B) Superset
- ☐ C) Equivalent
- ☐ D) Opposite



✓ 10. The first commercial release of C++ was in the year _____. *

1/1

- ☐ A) 1980
- ☐ B) 1983
- ☒ C) 1985
- ☐ D) 1990



✓ 11. The C++ language is based on the concept of _____. *

1/1

- ☐ A) Algorithms
- ☐ B) Procedures
- ☒ C) Objects and Classes
- ☐ D) Machine Codes



✓ 12. The term “object-oriented programming” was first coined by _____.

*1/1

- ☐ A) Bjarne Stroustrup
- ☒ B) Alan Kay
- ☐ C) James Gosling
- ☐ D) Dennis Ritchie



✓ 13. C++ supports _____ types of programming paradigms. *

1/1

- ☐ A) 1
- ☒ B) 2
- ☐ C) 3
- ☐ D) 4



✓ 14. The first version of C++ was called _____. *

1/1

- ☐ A) C++ 1.0
- ☐ B) C++ 2.0
- ☒ C) C with Classes
- ☐ D) ANSI C++



✓ 15. C++ was standardized by ISO in _____. *

1/1

- ☐ A) 1985
- ☒ B) 1998
- ☐ C) 2003
- ☐ D) 2011



✓ 16. The ISO standard version of C++ released in 1998 is known as _____.

*1/1

- ☒ A) C++98
- ☐ B) C++03
- ☐ C) C++11
- ☐ D) C++14



✓ 17. Which version introduced smart pointers and lambda expressions? * 1/1

- ☐ A) C++03
- ☒ B) C++11
- ☐ C) C++14
- ☐ D) C++17



✓ 18. C++ supports _____ types of memory management. *

1/1

- ☐ A) Automatic
- ☐ B) Manual
- ☒ C) Both Automatic and Manual
- ☐ D) None



✓ 19. Which of the following is NOT an OOP feature in C++? *

1/1

- ☐ A) Inheritance
- ☐ B) Polymorphism
- ☐ C) Encapsulation
- ☒ D) Compilation



✓ 20. C++ programs are converted to machine code using a _____. *

1/1

- ☐ A) Assembler
- ☐ B) Interpreter
- ☒ C) Compiler
- ☐ D) Debugger



✓ 21. The term “++” in C++ signifies _____.*

1/1

- ☐ A) Increment
- ☐ B) Addition
- ☐ C) Enhancement
- ☒ D) Both A and C



✓ 22. C++ inherited most of its syntax from _____.*

1/1

- ☐ A) Java
- ☐ B) C
- ☒ C) Python
- ☐ D) Pascal



✓ 23. The C++ language was primarily designed for _____.*

1/1

- ☐ A) Business applications
- ☒ B) System programming
- ☐ C) Web development
- ☐ D) Database management



✓ 24. Who is known as the “Father of C++”? *

1/1

- ☐ A) Dennis Ritchie
- ☒ B) Bjarne Stroustrup
- ☐ C) John Backus
- ☐ D) Alan Turing



✓ 25. Which of the following is true about C++? *

1/1

- ☐ A) It is platform-dependent
- ☐ B) It supports only procedural programming
- ☒ C) It supports both high and low-level features
- ☐ D) It is interpreted



✓ 26. The concept of data hiding is achieved using _____. *

1/1

- ☐ A) Inheritance
- ☒ B) Encapsulation
- ☐ C) Abstraction
- ☐ D) Polymorphism



✓ 27. Which feature of C++ allows reusability of code? *

1/1

- ☐ A) Polymorphism
- ☒ B) Inheritance
- ☐ C) Abstraction
- ☐ D) Data Hiding



✓ 28. The first book on C++ was titled _____. *

1/1

- ☐ A) The C++ Reference
- ☒ B) The C++ Programming Language
- ☐ C) Learn C++ Easily
- ☐ D) Modern C++



✓ 29. The C++ language is a successor to which language? *

1/1

- ☐ A) Java
- ☐ B) Pascal
- ☒ C) C
- ☐ D) COBOL



✓ 30. Which version of C++ added support for concurrency? *

1/1

- ☐ A) C++98
- ☐ B) C++03
- ☒ C) C++11
- ☐ D) C++14



✓ 31. The idea of "C with Classes" was implemented in which year? *

1/1

- ☒ A) 1979
- ☐ B) 1982
- ☐ C) 1985
- ☐ D) 1983



✓ 32. Which of the following is a key feature of C++? *

1/1

- ☐ A) Dynamic typing
- ☐ B) Garbage collection
- ☒ C) Object-Oriented Programming
- ☐ D) Bytecode compilation



✓ 33. Which keyword is used to define a class in C++? *

1/1

- ☐ A) struct
- ☒ B) class
- ☐ C) object
- ☐ D) define



✓ 34. C++ provides _____ for function overloading. *

1/1

- ☒ A) Same function name with different parameters
- ☐ B) Different function names
- ☐ C) Overriding only
- ☐ D) No support



✓ 35. C++ can be used to develop _____. *

1/1

- ☐ A) Operating systems
- ☐ B) Games
- ☐ C) Database software
- ☒ D) All of the above



✓ 36. Which of the following is a feature of C++? *

1/1

- ☐ A) Platform independence
- ☒ B) Operator overloading
- ☐ C) Bytecode execution
- ☐ D) Automatic garbage collection



✓ 37. The first version of C++ compiler was called _____. *

1/1

- ☒ A) CFront
- ☐ B) Turbo C++
- ☐ C) GCC
- ☐ D) MSVC++



✓ 38. The CFront compiler translated C++ code into _____. *

1/1

- ☐ A) Assembly code
- ☒ B) C code
- ☐ C) Machine code
- ☐ D) Binary code



✓ 39. Which of the following is NOT a C++ version? *

1/1

- ☐ A) C++98
- ☐ B) C++14
- ☒ C) C++15
- ☐ D) C++17



✓ 40. C++ supports which of the following types of programming? *

1/1

- ☐ A) Procedural
- ☐ B) Object-Oriented
- ☐ C) Generic
- ☒ D) All of the above



✓ 41. Templates in C++ were introduced in which version? *

1/1

- ☒ A) C++98
- ☐ B) C++03
- ☐ C) C++11
- ☐ D) C++14



✓ 42. C++ introduced which concept to support type safety? *

1/1

- ☐ A) Pointers
- ☒ B) References
- ☐ C) Macros
- ☐ D) Goto statements



✓ 43. Which of the following is true for C++? *

1/1

- ☐ A) It is slower than C
- ☒ B) It allows both procedural and OOP
- ☐ C) It cannot use C libraries
- ☐ D) It was developed after Java



✓ 44. The concept of OOP was first introduced in which language? *

1/1

- ☐ A) C++
- ☒ B) Smalltalk
- ☐ C) Java
- ☐ D) Python



✓ 45. Which version of C++ introduced the auto keyword for type deduction?

*1/1

- ☐ A) C++98
- ☐ B) C++03
- ☒ C) C++11
- ☐ D) C++14



✓ 46. C++ allows _____ inheritance. *

1/1

- ☐ A) Single
- ☐ B) Multiple
- ☐ C) Multilevel
- ☒ D) All of the above



✓ 47. Which organization standardized the C++ language? *

1/1

- ☒ A) ISO
- ☐ B) ANSI
- ☐ C) IEEE
- ☐ D) WHO



✓ 48. What is the file extension of a C++ header file? *

1/1

- ☐ A) .h
- ☐ B) .hpp
- ☒ C) Both A and B
- ☐ D) .head



✓ 49. The idea behind C++ was to add _____ to C. *

1/1

- ☐ A) Speed
- ☒ B) Object-Oriented Programming
- ☐ C) Security
- ☐ D) Syntax Simplification



✓ 50. The latest standardized version of C++ (as of 2024) is _____. *

1/1

- ☐ A) C++17
- ☐ B) C++20
- ☒ C) C++23
- ☐ D) C++25



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