In the Name of Allāh, the Most Gracious, the Most Merciful

Final-Term Papers Solved MCQS with Reference

1. The syntax of PHP foreach loop is similar to _____ loop.

   o C++ foreach

   o **C# foreach**

   o Java foreach

   o C++ for

2. With programming in _____ we state what and not how.

   o **Prolog**   **PG # 92**

   o Algol

   o C#

   o Fortran

3. When the type is fixed before run time then this is called as _____.

   o   Load time binding

   o   **Static binding**   **Click Here For Reference**

   o   Dynamic binding

   o   None of the given

4. A programming language is _____ typed if type errors are _____ detected.

   o   Weakly, Always

   o   Always, weakly

   o   Strongly, often

   o   **Strongly, always**   **PG # 171**

5. All objects in Java are _____.

   o   Explicit heap dynamic

   o   **Dynamic storage binding**

   o   Stack dynamic storage binding

   o   Static storage binding

6. _____ usually a logical grouping of heterogeneous elements.

   o   Array is

   o   **Record is**   **PG # 176**

   o   Structure is

   o   Both Structure and Record are

7. In Java the arithmetic expression evaluation order is always from _____

   o   Centre to right

   o   Right to Left

   o   Centre to left

   o   **Left to right**   **Click Here For Reference**

8. A control structure is a _____ and the statement whose execution it controls.

   o   Control algorithm

   o   **Control statement**   **PG # 185**

   o   Control keyword

   o   None of the given

9. In _____ control statements were based directly on IBM 704 hardware.

   o   Ada

   o   **FORTAN I**   **PG # 185**

   o   FORTRAN 77

   o   IBM Assembly language

10. We cannot pass array in _____ by value as it has no fix size. But it has fixed size in structure.

    o   C#

    o   Java

    o   C++

    o   **C**

11. _____ is a language for symbolic computation and its syntax is based on lambda calculus.

o ALGOL

o MATLAB

o C

o **LISP**   **PG # 27**

12. Ada is a_____ typed language.

o Weakly

o Random

o **Strongly**   **PG # 48**

o List

13. The integrity of types is checked from all together in _____.

o SNOBOL

o ALGOL

o Plankal Koll

o **Ada**

14. A language is reliable if during execution it does not create _____.

o Result

o **Error**

o Bytecode

o Malfunction

15. _____ is not a valid Prolog atom.

   o   this_is_it

   o   Mary, _c1

   o   **'Hello'**

   o   f

16. _____ generates readable code which is easy to maintain.

   o   Clauses

   o   **Backtracking**   **PG # 97**

   o   Inference mechanism

   o   Facts

17. In C#, value type objects use memory of _____ data structure.

   o   List

   o   Tree

   o   Stack

   o   **Heap**

18. _____ is an 8-byte Integer.

   o   Short

   o   **Long**

   o   Byte

   o   Char

19. Simple data structure and large floating point operations are linked to _____.

- o   Artificial intelligence language domain

- o   Parallel programming domain

- o   **Scientific application programming domain**

- o   System programming domain

20. Each source file in _____ has a public class

- o   C++

- o   C#

- o   **Java**   **PG # 98**

- o   None of the given

21. There is no automatic type conversion in _____.

- o   **C**

- o   Both Java and C++

- o   Java

- o   C++

22. Every class in Java is part of some _____.

- o   Subclass

- o   Method

- o   **Package**   **PG # 107**

- o   Object

23. Automatic garbage collection in Java prevents _____.

- o Multithreading

- o Exception handling

- o Indirect referencing

- o **Dangling pointers**   **PG # 117**

24. Value types in C# are inherited from _____.

- o Java Primitive type

- o **Object**

- o Reference

- o None of the given

25. In C# the if statement condition is an/a _____.

- o Arithmetic expression

- o Boolean expression

- o Numeric expression

- o **Both Numeric expression and Boolean expression**

26. PHP supported all major Databases including _____.

- o None of the given

- o ODBC

- o **ORACLE**

- o SQL Server

27. In _____ the Break statement may have the optional parameter or argument.

   o C/C++

   o Java

   o PHP

   o **Java Script**

28. Classes and objects of PHP are similar to _____.

   o Classes and objects of C++

   o **Classes and objects of Java**

   o Classes and objects of C

   o Classes and objects of Basic

29. _____ operator in Prolog is used for List construction and also for List dismantling.

   o **|(Vertical Slash)**   **PG # 90**

   o !(Sign of exclamation)

   o :(Colon)

   o None of the given

The | has dual purpose in Prolog; it is used for list construction as well as list dismantling.

30. In JavaScript _____ operator is used for concatenation.

   o Dot (.)

   o **Plus (+)**   **PG # 152**

   o |

   o ^

31. The resultant value of variable ' x ' in JavaScript statement var x = "5" - "2"; will be _____.

- o 5-2

- o 52

- o "5" - "2"

- o **3**

32. The _____ model in JavaScript provides access to the contents of the browser window.

- o **DOM**   **PG # 155**

- o BOM

- o ROM

- o COM

33. In _____ we may specify the range and precision for floating point numbers.

- o C#

- o C/C++

- o **Ada**

- o Both Ada and C#

34. _____ parameters are declared inside a subprogram.

- o **Default**

- o Actual

- o Formal

- o Copy

35. eq or equal operator in LISP is used to compare two _____.

   o   Atom symbols

   o   List symbols

   o   Non numeric Symbols

   o   **Numeric symbols**

36. In C#, the value type and reference type variables are interconvertable through _____ concept.

   o   Tagged type

   o   **Boxing**

   o   Interfaces

   o   Both Interfaces and Tagged type

37. Object in JavaScript can be accessed through _____.

   o   Associated array

   o   **Reference pointer method**

   o   Reference type

   o   Both Reference pointer method and Reference type

38. Shortcut evaluation is not allowed for _____.

   o   Boolean operators

   o   Relational operators

   o   **Bitwise operators**

   o   Both boolean and relational operators

39. Which one of the following languages is designed for distributed computing architecture?

   o **CORBA**

   o FORTRAN

   o ADA

   o LISP

40. In Ada elementary types are also termed as _____.

   o **user defined types**

   o static types

   o built in types

   o public types

41. Study of programming languages helps in increasing the _____ to express programming concepts.

   o **Capacity**   PG # 5

   o Level

   o Volume

   o Range

42. _____ is the designer of C++ language.

   o **Bjarne Stroustrup**   PG # 15

   o James Gosling

   o Mike Sheridan

   o Patrick Naughton

43. Set membership in Prolog is different from_____membership.

- o **List**
- o Symbol
- o Join
- o None of the given

44. _____support array with built in bounds checking.

- o Java
- o C++
- o C#
- o **Both Java and C#**   **PG # 118**

45. FORTRAN, PL 1 and BASIC language provide_____.

- o Explicit declaration
- o **Implicit declaration**   **PG # 169**
- o Either implicit or explicit declaration
- o None of the given

46. There is no arithmetic expression precedence rule in_____

- o PASCAL
- o **Small talk**
- o SIMULA
- o C/C++

47. C/C++ has both pre-test and post-test version of_____.

- ○ Counter controlled loop
- ○ Logically controlled loops.
- ○ For loop
- ○ **While loop**   **PG # 192**

48. C++ support only_____mode parameter passing.

- ○ OUT
- ○ IN
- ○ Union
- ○ **IN/OUT**

49. Java has eliminated the concept of_____

- ○ Classes
- ○ Variables
- ○ **Struct**   **PG # 31**
- ○ Arrays

50. In Java Explicit conversions are done through_____.

- ○ Referencing
- ○ Aliasing
- ○ **Casting**   **PG # 104**
- ○ Operator overloading

51. Prolog database is based upon_____.

- o Facts
- o Facts and queries
- o Rules and queries
- o **Facts and rules**   **PG # 82**

52. A predicate may have_____or more arguments.

- o Three
- o **Zero**   **PG # 88**
- o One
- o Two

53. _____is used as a place holder for a value that is not required.

- o Variable
- o Atom
- o Constant
- o **Anonymous variable**   **PG # 89**

54. In C#, if you don't use new keyword, you must_____all the values in the struct by hand before you use it.

- o Define
- o Declare
- o Create
- o **Initialize**   **PG # 135**

55. Which statement best suited for C programming language?

- o String manipulation language
- o First language to provide exception handling
- o **With powerful set of operators but poor type checking**   PG # 30
- o Introduce the notion of class

56. Which statement is true about SNOBOL?

- o Its developers are computer experts
- o **Its developers have limited introduction with computer science**   PG # 46
- o Is an example of aspect programming languages.
- o Have many data types

57. In SNOBOL, for entire assignment we use_____operator in pattern matching statement.

- o $(dollar)
- o (.) Dot
- o Unary $(Dollar)
- o **Binary Space**   PG # 36

58. Disjunction in Prolog is through_____and conjunction is through_____.

- o Coma (,), OR
- o **OR, coma (,)**
- o OR, Dot(.)
- o Dot(.) , OR

59. _____ has also non rectangular type of array.

- o   C++
- o   **JAVA**
- o   C
- o   C and C++

60. _____ exception handling has a finally ( ) block.

- o   **JAVA**
- o   C++
- o   C
- o   Plankal Kul

61. In_____ we can make a pointer variable of value type only.

- o   **C++**
- o   C#
- o   Java
- o   Both Java and C#

62. Which of the following statement is True if $a is not identical to $b in php?

- o   **$a !==$b**   **PG # 143**
- o $a != $
- o $a =! $
- o $a ==! $

63. _____ is the magical thing in Prolog.

- o   Program partition
- o   **Inference engine**   **Click Here For Reference**
- o   List Processing
- o   None of the given

64. In JavaScript navigator is _____ object.

- o   Built-in
- o   **Browser**   **PG # 155**
- o   Document
- o   User defined

65. The concept of package in Java is similar to _____.

- o   Global Class in C++
- o   Assembly in C#
- o   Global class in C#
- o   **Global Class in both C++ and C#**   **PG # 130**

66. Arrays in PHP are not like C/C++ arrays but they are _____.

- o   Templates
- o   Records
- o   **Maps**
- o   Both Templates and Records

An **array in PHP** is actually an ordered map. A map is a type that associates values to keys.

67. "with" statement in JavaScript is an alternative of_____.

- o While statement
- o Union statement
- o Single document.write statement
- o **Multiple document.write statements**   **PG # 161**

68. Sub ranges of integer types are not compatible with_____.

- o **integer types**   **PG # 172**

69. Arrays in JavaScript are _____ based.

- o **0**   **PG # 152**