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MEGA File Solved MCQ's For Final TERM EXAMS
CS508- Modern Programming Languages

Question No: 1   (Marks: 1)   - Please choose one

One difference LISP and PROLOG is

- ➢ AI
- ➢ **Puzzle**
- ➢ Game
- ➢ All f the given

Question No: 2   (Marks: 1)   - Please choose one

Variable of _____ is not an object of java

- ➢ Primitive
- ➢ Reference
- ➢ **Integer type**
- ➢ Both reference and Primitive

Question No: 3   (Marks: 1)   - Please choose one

In _____ every class in Java is part is overloaded

- ➢ C++
- ➢ **Java**
- ➢ C#
- ➢ C# and java

Question No: 4   (Marks: 1)   - Please choose one

C# and C++ have _____ size.

- ➢ Same
- ➢ Different
- ➢ **Distinct**
- ➢ None of the given

Question No: 5   (Marks: 1)   - Please choose one

_____ compile into machine independent language, independent code which run in a managed execution environment.

- ➢ **C#**
- ➢ Java
- ➢ C++
- ➢ Ada

Question No: 6   (Marks: 1)   - Please choose one

_____ compile initially to an intermediate. Which can be run by interpretation or just in time compilation or an appropriate virtual machine?

- ➢ C++ and C#
- ➢ **C# and Java**
- ➢ Java and C++
- ➢ Ada , C++

Question No: 7   (Marks: 1)   - Please choose one

In _____ the relationship between a get and set method is inherited, while in _____ it has to be maintained.

- ➢ Java , C++
- ➢ C++ , C#
- ➢ Ada , Java
- ➢ **C# , Java or C++**

Question No: 8   (Marks: 1)   - Please choose one

How many modes for the source code are in C#?

- ➢ One
- ➢ **Two**
- ➢ Three
- ➢ Four

Question No: 9   (Marks: 1)   - Please choose one

Which chaining type is used by Prolog?

- ➢ **Backward**
- ➢ Forward
- ➢ Up
- ➢ Horizontal

Question No: 10   (Marks: 1)   - Please choose one

_____exception inherits from exception class and _____ exception is anywhere in the program.

- ➢ Java , C#
- ➢ C++ , C# c
- ➢ C# , Java
- ➢ **Java ,C++**

Question No: 11   (Marks: 1)   - Please choose one

In C# Managed code is executed under the control of

- ➢ CLR
- ➢ **CRL**
- ➢ Both of the above options
- ➢ None of the given

Question No: 12   (Marks: 1)   - Please choose one

In_____ Boolean expression is convertible into integer type.

- ➢ C#
- ➢ **C++**
- ➢ JAVA
- ➢ Ada

Question No: 13   (Marks: 1)   - Please choose one

PHP syntax looks like _____

- ➢ ASP syntax
- ➢ **C/C++ syntax**
- ➢ Both of the above options
- ➢ None of the given

Question No: 14   (Marks: 1)   - Please choose one

For narrowing conversion which type conversion is appropriate?

- ➢ Implicit Conversion
- ➢ **Explicit Conversion**
- ➢ Both of the above options
- ➢ None of the given

Question No: 15   (Marks: 1)   - Please choose one

In Java we can make pointer of_____.

- ➢ Any type
- ➢ **Reference type only**
- ➢ Both of the above options
- ➢ None of the given

Question No: 16   (Marks: 1)   - Please choose one

The concept of package in Java is similar to _____

- ➢ **Assembly in C#**
- ➢ Global class in C#
- ➢ Function in C#
- ➢ None of the given

Question No: 17   (Marks: 1)   - Please choose one

The concept of C# jagged array is similar in function to _____

- ➢ C++ rectangular Array
- ➢ **Java Array of Array**
- ➢ Java pointer Array
- ➢ C# Array

Question No: 18   (Marks: 1)   - Please choose one

Java has a String class which is not exactly an array of

- ➤ **Char**
- ➤ Elements
- ➤ Indices
- ➤ Long

Question No: 19   (Marks: 1)   - Please choose one

How many string operators are in PHP?

- ➤ **2**
- ➤ 3
- ➤ 4
- ➤ 10

Question No: 20   (Marks: 1)   - Please choose one

C# code when compiled is converted into _____ code.

- ➤ **MSIL**
- ➤ MISL
- ➤ MSLI
- ➤ None of the given

Question No: 21   (Marks: 1)   - Please choose one

In C# _____can be inherited from other class but no inheritance from it. On the other hand _____ cannot be inherited not inheritance is possible from it is possible.

- ➤ Private class , public class
- ➤ Sealed class ,struct in C#
- ➤ **struct in C# , Sealed class**
- ➤ public class , inherited class

Question No: 22   (Marks: 1)   - Please choose one

The concept of sealed class in C# is similar to _____

- ➤ **Struct in C#,**
- ➤ Struct in C++
- ➤ Abstract class in C#
- ➤ None of the given

Question No: 23   (Marks: 1)   - Please choose one

Enumeration type in C# may take any type of _____ in contrast to C++ where it take only _____

   1) Numeric value, integer value
   2) Value type value, numeric value
   3) Primitive type value, reference type value
   4) Value type value, reference type value

Question No: 24   (Marks: 1)   - Please choose one

The IS operator in C# is used for_____

   1) Run time type conversion
   2) Run time type checking
   3) Run time type casting
   4) None of the given   (The 'is' operator supports run time type information)

Question No: 25   (Marks: 1)   - Please choose one

PHP is a _____typed language.

   1) Strongly
   2) Dynamic
   3) Static
   4) None of Given

Question No: 26   (Marks: 1)   - Please choose one

_____is more strongly typed language then _____

   1) C++, C#
   2) C#, C++
   3) C++, Java
   4) None of the given

Question No: 27   (Marks: 1)   - Please choose one

Anything starting with Capital or underscore is a variable in _____

   1) Prolog,
   2) Lisp,
   3) COBOL
   4) None of the given

Question No: 28   (Marks: 1)   - Please choose one

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

1) Arithmetic expression
2) Boolean expression
3) Numeric expression
4) Both Numeric expression and Boolean expression

Question No: 29   (Marks: 1)   - Please choose one

In C# the value type and reference type variable are interconvert able through _____ concept.

1) Tagged type
2) Boxing
3) Interfaces
4) None of the given

Question No: 30   (Marks: 1)   - Please choose one

C# support only_____ inheritance and it achieve_____ inheritance through the concept of interfaces.

1) Multiple, multiple
2) Single, multiple
3) Single, single
4) None of the given

Question No: 31   (Marks: 1)   - Please choose one

Managed or safe code in_____ is executed under the control of common language runtime (CLR) with automatic garbage collection, no explicit memory allocation and de allocation and no explicit destructor.

1) C++
2) Java
3) Ada and C++
4) C#

Question No: 32   (Marks: 1)   - Please choose one

PHP supported all major Databases including_____.

1) ODBC
2) Oracle
3) SQL Server
4) None Of given

Question No: 33   (Marks: 1)   - Please choose one

Dynamic binding occurs at:

1) Compile Time
2) Design Time
3) Link Time
4) Run Time

Question No: 34   (Marks: 1)   - Please choose one

Prolog language falls under the domain of:

1) Scientific Applications
2) Business Applications
3) Special Purpose Languages
4) None of these

Question No: 35   (Marks: 1)   - Please choose one

Object in java script can be accessed through ………

1) Reference pointer method
2) None of the above
3) Capital letter or underscore in PROLOG
4) Variable in PROLOG

Question No: 36   (Marks: 1)   - Please choose one

For Recursion it is necessary that a language:

1) Dynamic
2) Static
3) Both dynamic and static
4) Stack

Question No: 37   (Marks: 1)   - Please choose one
First language that provided the concept of Pointer data type was _____.

1) COBOL
2) LISP
3) **PL/1**
4) JAVA

Question No: 38   (Marks: 1)   - Please choose one
Variable use in VB without declaring decrease reliability and increase _____.

1) Readably
2) **Writeable**
3) Cost
4) Compile time

Question No: 39   (Marks: 1)   - Please choose one
Dot operator in a _____ SNOBOL?

1) **Reference pointer**
2) Unary pointer
3) Class pointer
4) Binary pointer

Question No: 40   (Marks: 1)   - Please choose one
The GOTO statement in SNOBOL is _____

1) **Explicit**
2) Punter method
3) Implementation
4) An Indirect Reference

Question No: 41   (Marks: 1)   - Please choose one
Ada has _____ do while loop just like C++.

1) Also
2) **No**
3) Defective
4) None of the above

Question No: 42   (Marks: 1)   - Please choose one

The last value execution in the _____ LISP is the return value

1) Atom
2) Object
3) Class
4) Function

Question No: 43   (Marks: 1)   - Please choose one

Dotimes loop of LIPS similar working to ada:

1) For
2) Switch loop
3) Do while
4) While

Question No: 44   (Marks: 1)   - Please choose one

Indexes of arrays in Ada do not start from,

❖ **0**
❖ 1
❖ 2
❖ 3

Question No: 45   (Marks: 1)   - Please choose one

The keyword unsafe is used while dealing with_____

1) Loop
2) Arrays
3) Pointers
4) Classes

Question No: 46   (Marks: 1)   - Please choose one

Tasks in _____are processes and cannot share data but thread in _____ do it.

1) C# , C++
2) C++ , Ada
3) Java , C#
4) Ada , Java

Question No: 47 (Marks: 1) - Please choose one

Java code when compiled is converted into _____ code.

- ○ Bit code
- ○ **Byte code**
- ○ Kbytes code
- ○ Giga byte Code

Question No: 48 (Marks: 1) - Please choose one

If you want an argument to a function to always be passed by reference, you can prepend

- ○ Percentage sign (%) to the argument name in the function definition
- ○ Dollar sign ($)to the argument name in the function definition
- ○ **An ampersand (&) to the argument name in the function definition**
- ○ Tilled sign (~)to the argument name in the function definition

Question No: 49 (Marks: 1) - Please choose one

Ada pointers are called Access types.

- ○ **TRUE**
- ○ FALSE

Question No: 50 (Marks: 1) - Please choose one

The dangling pointer problem is partially alleviated by Ada design.

- ○ TRUE
- ○ **FALSE**

Question No: 51 (Marks: 1) - Please choose one

Which statement is wrong about Static variables?

- ○ They are bound to memory cells before the execution of program
- ○ They use to direct access the memory.
- ○ **There is run time overhead of allocation and de-allocation of memory.**
- ○ Storage can't be shared among variables

Question No: 52   (Marks: 1)   - Please choose one
Following is the correct structure of a "block" in Ada.

declare   -- declare section optional
  statements
begin
  declarations

exception   -- exception section optional
  handlers
end;

declare   -- declare section optional
  declarations
begin
  statements
exception   -- exception section optional
  handlers
end;

declare   -- declare section optional
  statements
begin
  declarations
  handlers
exception   -- exception section optional
end;

declare   -- declare section optional
  statements
  declarations
begin
  statements
exception   -- exception section optional
  handlers
end;

Question No: 53   (Marks: 1)   - Please choose one

Following statement returns the union of the two list in LISP.

- ○ >(L1 UNION L2)
- ○ **>(union L1 L2)**
- ○ >Union L1
- ○ >(L1 union L2)

Question No: 54   (Marks: 1)   - Please choose one

In LISP, _____ is the main tool used for iteration.

- ○ **Recursion**
- ○ For Loop
- ○ While Loop
- ○ Do-While Loop

Question No: 55   (Marks: 1)   - Please choose one

_____ represents the class of languages from functional paradigm.

- ○ **LISP**
- ○ PROLOG
- ○ Ada
- ○ C++

Question No: 56   (Marks: 1)   - Please choose one

In LISP, following statement returns the difference of the two lists.

- ○ (Difference L1 L2)
- ○ **(set-difference L1 L2)**
- ○ (L1 Difference L2)
- ○ (L1 difference L2)

Question No: 57   (Marks: 1)   - Please choose one

Lists can be constructed with the help of three basic functions which are _____.

○ scheme, common lisp and cons
○ cons, append and scheme
● **cons, list and append**
○ list, atoms and append

Question No: 58   (Marks: 1)   - Please choose one

Block statement in Ada is very different to a block in C.

○ True
● **False**

Question No: 59   (Marks: 1)   - Please choose one

Two important versions of LISP are _____.

○ Scheme and Atoms
● **Scheme and Common Lisp**
○ Common Lisp and defacto
○ List and Common Lisp

Question No: 60   (Marks: 1)   - Please choose one

In _____, Enumeration type can also be used as indexes in arrays.

● **Ada**
○ C
○ C++
○ LISP

Following is the correct syntax of 'for' statement in Ada.

```
for variable in low_value .. high_value loop
    -- Loop body goes here
end loop;
```

```
for variable in low_value .. high_value loop
    -- Loop body goes here
end;
```

```
begin;
for variable in low_value .. high_value loop
    -- Loop body goes here
end loop;
```

```
begin;
for variable in low_value .. high_value loop
    -- Loop body goes here
end loop;
```

Question No: 62   (Marks: 1)   - Please choose one

SNOBOL was designed for _____ purpose.

- ♦ **String manipulation**
- ♦ AI
- ♦ Business
- ♦ Scientific

Question No: 63   (Marks: 1)   - Please choose one

Computer architecture has a major influence on the design of programming language.

- ♦ **True**
- ♦ False

Question No: 64   (Marks: 1)   - Please choose one

Too much simplicity in language design can also cause problems.

- ♦ **True**
- ♦ False

Question No: 65   (Marks: 1)   - Please choose one

COBOL is mainly designed for _____.

- ♦ Scientific experiments
- ♦ **Business application**
- ♦ AI applications
- ♦ Publishing and writing algorithm

Question No: 66   (Marks: 1)   - Please choose one

In SONOBAL binary operators have atleast_____ spaces

- ♦ 1
- ♦ **2**
- ♦ 3
- ♦ 4

Question No: 67 (Marks: 1) - Please choose one

In SONOBOL can the size of the array be determined at run time.

- ⬥ **Yes**
- ⬥ No

Question No: 68 (Marks: 1) - Please choose one

_____ is an important feature of Ada language used in embedded systems and operating systems. It is used in managing parallel threads of controls.

- ⬥ Controls
- ⬥ **Tasking**
- ⬥ Classes
- ⬥ Arrays

Question No: 69 (Marks: 1) - Please choose one

First electronic computer was _____.

- ⬥ **ENIAC**
- ⬥ Babbage analytical engine
- ⬥ Itel 386
- ⬥ Ibm x86

Question No: 70 (Marks: 1) - Please choose one

It is always better to find out the mistakes in the code at _____.

- ⬥ Runtime
- ⬥ **Compile time**
- ⬥ Link time
- ⬥ None of given option

Question No: 71 (Marks: 1) - Please choose one

Too much Orthogonality reduces Readability.

- ⬥ **True**
- ⬥ False

Question No: 72   (Marks: 1)   - Please choose one

COBOL was the first language that brings the concept of _____.

- ⬥ **Records**
- ⬥ Structure
- ⬥ Object
- ⬥ Variable

Question No: 73   (Marks: 1)   - Please choose one

Learning the implementation details of a language helps in the efficient use of that language.

- ⬥ **True**
- ⬥ False

Question No: 74   (Marks: 1)   - Please choose one

We can have nested procedures in _____ language.

- ⬥ C++
- ⬥ **Ada**
- ⬥ C
- ⬥ PROLOG

Question No: 75   (Marks: 1)   - Please choose one

One of the major design goals of Ada was:

- ⬥ **to help developers to code the software in lesser time**
- ⬥ to make it difficult for developers to make mistakes
- ⬥ to help develop an IDE for Ada
- ⬥ to make testers to test Ada application easily

Question No: 76   (Marks: 1)   - Please choose one

SONOBOL is case _____

- ⬧ Sensitive
- ⬧ **In-sensitive**
- ⬧ Super sensitive
- ⬧ Not sensitive

Question No: 77   (Marks: 1)   - Please choose one

The main design goals of Ada were EXCEPT

- ⬧ Program reliability and maintenance
- ⬧ Design language for DoD
- ⬧ Programming is a human activity therefore avoid unintentional mistakes
- ⬧ **Designing a portable language**

Question No: 78   (Marks: 1)   - Please choose one

The space operator has _____ precedence than arithmetic operators.

- ⬧ Higher
- ⬧ **Lower**
- ⬧ Higher and Lower
- ⬧ None of the given

Question No: 79   (Marks: 1)   - Please choose one

Pattern. Variable Upon successful completion of pattern matching, the substring matched by the pattern is assigned to the variable as _____

- ⬧ **Value**
- ⬧ String
- ⬧ Integer
- ⬧ Real numbers

Question No: 80   (Marks: 1)   - Please choose one

 A language evaluation criteria includes following factors EXCEPT:

- ◆ Readability
- ◆ Writabilty
- ◆ Portability
- ◆ **Modularity**

Question No: 81   (Marks: 1)   - Please choose one

The variable name has profound effect on _____.

- ◆ Readability
- ◆ Writability
- ◆ Orthogonality
- ◆ **Portability**

Question No: 82   (Marks: 1)   - Please choose one

SIZE function in SONOBOL language is used to return the size of _____

- ◆ **String**
- ◆ Operator
- ◆ Variable
- ◆ Keyword

Question No: 83   (Marks: 1)   - Please choose one

Indirect referencing in SONOBOL is same as of _____in C.

- ◆ Arrays
- ◆ **Pointers**
- ◆ Aliasing
- ◆ Stack

Question No: 84   (Marks: 1)   - Please choose one

Following factors influences a portable language design EXCEPT:

- ✦ Computer architecture
- ✦ Readability
- ✦ Programmer's time
- ✦ **Windows XP**

Question No: 85   (Marks: 1)   - Please choose one

The more is the Simplicity of a language, the more it will always be readable.

- ✦ **True**
- ✦ False

Question No: 86   (Marks: 1)   - Please choose one

+ Sign is used for _____ in SONOBOL.

- ✦ **Line Continuation**
- ✦ Line Break
- ✦ Line Configuration
- ✦ Line Alignment

Question No: 87   (Marks: 1)   - Please choose one

Which of the following is an incorrect option from the following statements regarding 'objectives of learning new languages'?

- ✦ Help to compare different languages.
- ✦ Help in transition from one language to other language.
- ✦ **Help in understanding the language piracy policy**
- ✦ Help to choose a language for development of a certain application.

Question No: 88   (Marks: 1)   - Please choose one

_____ was the first object oriented language.

- ✦ COBOL
- ✦ LISP
- ✦ JAVA
- ✦ **SIMULA**

Question No: 89   (Marks: 1)   - Please choose one
In SONOBOL 2 spaces can be used, the purpose of 1st space is for _____ and 2nd for:

➤ **Pattern matching, String Concatenation**
➤ String concatenation, Pattern matching
➤ Both of the above options
➤ None of the given

Question No: 90   (Marks: 1)   - Please choose one
Maps in SNOBOL are also available in _____

➤ C
➤ C++
➤ MATLAB
➤ Prolog

Question No: 91   (Marks: 1)   - Please choose one
In C# struct are used as_____.

➤ pointer
➤ array
➤ **parameters**
➤ class

Question No: 92   (Marks: 1)   - Please choose one
JavaScript_____ from java language.

➤ **related**
➤ un-related
➤ derived
➤ none of the given

Question No: 93   (Marks: 1)   - Please choose one
In_____ we have to address the client side compatibility issue.

➤ **JavaScript**
➤ VB Script
➤ PHP
➤ Perl

Question No: 94   (Marks: 1)   - Please choose one

In Prolog we specify_____ and not_____ .

- 🛸 **Solution, problem**
- 🛸 Solution, code
- 🛸 Problem, solution
- 🛸 None of the above

Question No: 95   (Marks: 1)   - Please choose one

A_____ is a default mechanism for specify types of variable?

- 🛸 **implicit**
- 🛸 explicit
- 🛸 Both of the above options
- 🛸 None of the given

Question No: 96   (Marks: 1)   - Please choose one

A_____ is a special word that cannot be used as a user-defined name

- 🛸 Keyword
- 🛸 **Reserved word**
- 🛸 Both of the above options
- 🛸 None of the given

Question No: 97   (Marks: 1)   - Please choose one

We use _____ in Ada.

- 🛸 **tagged type**
- 🛸 int type
- 🛸 float type
- 🛸 none of the given

Question No: 98   (Marks: 1)   - Please choose one

Control structure is a _____ /jump..:)….. statement

✂ CONTINUE
✂ **GOTO**
✂ SWITCH
✂ None of the given

Question No: 99   (Marks: 1)   - Please choose one

_____ is place holder value that is not required.

✂ **anonymous**
✂ prolog
✂ both of the above options
✂ none of the given

Question No: 100   (Marks: 1)   - Please choose one

LISP used in _____ and _____.

✂ **functional paradigm, AI**
✂ AI, functional paradigm
✂ Multi-paradigm, AI
✂ PROLOG Paradigm, AI

Question No: 101   (Marks: 1)   - Please choose one

First arguments in LISP is _____ symbol.

✂ Atom
✂ argument
✂ integer
✂ LIST

Question No: 102   (Marks: 1)   - Please choose one

We use_____ indirect referencing operator in SNOBOL

- ♥ Binary
- ♥ Binary $
- ♥ Unary
- 💙 **Unary $**

Question No: 103   (Marks: 1)   - Please choose one

Elementary types are also called _____ in ADA.

- ♥ Static
- 💙 **user defines**
- ♥ built-in
- ♥ Discrete

Question No: 104   (Marks: 1)   - Please choose one

ADA is a _____ typed language

- 💙 **partially strongly**
- ♥ complex
- ♥ easy
- ♥ none of the given

Question No: 105   (Marks: 1)   - Please choose one

_____ has elaborated exception handling

- 💙 **ADA**
- ♥ C++
- ♥ JAVA
- ♥ COBOL

Question No: 106   (Marks: 1)   - Please choose one

_____ has a powerful set of operators but poor type checking

  ☞ **C**
  ☞ C++
  ☞ ADA
  ☞ LISP

Question No: 107   (Marks: 1)   - Please choose one

_____and _____ have declaration paradigm

  ☞ **Prolog, SQL**
  ☞ SQL, Prolog
  ☞ Lisp, SQL
  ☞ SQL, Lisp

Question No: 108   (Marks: 1)   - Please choose one

1st machine independent language is _____

  ☞ **ALGOL**
  ☞ COBOL
  ☞ ADA
  ☞ PASCAL

Question No: 109   (Marks: 1)   - Please choose one

To make necessary arguments at run time error is called _____

  ☞ Type Checking
  ☞ **Exception handling**
  ☞ Error Handling
  ☞ None of the given

Question No: 110   (Marks: 1)   - Please choose one

Language with wide domain of application has higher_____

    ✳   Portability
    ✳   **Generality**
    ✳   Reliability
    ✳   Cost

Question No: 111   (Marks: 1)   - Please choose one

_____ has distributed computing architecture

    ✳   PASCAL
    ✳   LISP
    ✳   C
    ✳   **CORBA**

Question No: 112   (Marks: 1)   - Please choose one

Readability has no influence on the cost of _____

    ✳   testing
    ✳   **deployment**
    ✳   debugging
    ✳   coding

Question No: 113   (Marks: 1)   - Please choose one

The depth at which we can think is influenced by _____

    ✳   **implementation details**
    ✳   significance of implementation
    ✳   implemented recursion
    ✳   none of the above

Question No: 114 (Marks: 1) - Please choose one

There are no struct, union, enum, unsigned, typedef, or pointers types in _____.

➔ **Java**
➔ C
➔ C++
➔ COBOL

Question No: 115 (Marks: 1) - Please choose one

In C# Managed code is executed under the control of

☠ CLR
☠ **CRL**
☠ Both of the above options
☠ None of the given

---------------------------------Wish U Best of L|U|C|K for EXAMS ----------------------------

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