

Professional Online Academy Vu Topper RM



C508- Modern Programming
Update MCQ'S Mid Term
By Vu Topper RM



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Question No:1

(Marks:1)

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In SNOBOL, _____ acts as operator for string concatenation

A. Space

B. _

C. *

Question No:2

(Marks:1)

Vu-Topper RM

If $z = '10'$ and $x = 5 * -z + '10.6'$ The what would be the resultant value of x in SNOBOL4?

A. -39.4

B. 30.0

C. 39.4

D. -30.0

Question No:3

(Marks:1)

Vu-Topper RM

_____ provide(s) support for data abstraction in Ada.

A. Templates

B. If-else structure

C. Procedure

D. Packages

Question No:4

(Marks:1)

Vu-Topper RM

what will be the resulting value of y in the following SNOBOL statement $y = 2 ** 3$.

A. 5

B. 9

C. 6

D. 8

Question No:5

(Marks:1)

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If the program written in a particular language is less _____ than the cost of failure of the system may be significant.

A. Reliable

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- B. Dependable
- C. Readable
- D. Writable

Question No:6

(Marks:1)

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First object oriented language was:

A. Simula

- B. Lisp
- C. C
- D. COBOL

Question No:7

(Marks:1)

Vu-Topper RM

A language that can be used for a wide domain of applications has higher_____.

- A. Readability
- B. Reliability
- C. Generality**
- D. Portability

Question No:8

(Marks:1)

Vu-Topper RM

Designing a programming language is primarily a/an _____ feat, in which a long list of trade-offs must be made among features, constructs, and capabilities.

- A. Manufacturing
- B. Industrial
- C. Production
- D. Engineering**

Question No:9

(Marks:1)

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_____ programming language is known as “Write-Only” language.

A. APL

- B. PL/1
- C. BASIC

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D. FORTRAN

Question No:10

(Marks:1)

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

A. FORTRAN

B. CORBA

C. ADA

D. LISP

Question No:11

(Marks:1)

Vu-Topper RM

The length of variable name supported by COBOL was _____ characters.

A. 40

B. 20

C. 55

D. 30

Question No:12

(Marks:1)

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_____ was the first language that gave unit level concurrency.

A. SNOBOL

B. BASIC

C. PL1

D. PROLOG

Question No:13

(Marks:1)

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Plankalkül has _____ arithmetic.

A. Double Point

B. Decimal Point

C. Floating Point

D. Long Point

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Question No:14

(Marks:1)

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The range of software development thought process can be _____ by learning new languages as those constructs can be simulated.

- A. Decreased
- B. Unidentified
- C. Increased**
- D. Remain same

Question No:15

(Marks:1)

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To make necessary arrangement for run time errors is called _____.

- A. Error checking
- B. Feature multiplicity
- C. Debugging
- D. Exception handling**

Question No:16

(Marks:1)

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The block structure feature of ALGOL60 has _____ scope.

- A. No
- B. Local**
- C. Universal
- D. Global

Question No:17

(Marks:1)

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

- A. Range
- B. Level
- C. Capacity**
- D. Volume

Question No:18

(Marks:1)

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PROLOG represents _____ paradigm.

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A. Declarative

- B. Formal
- C. Functional
- D. Algorithmic

Question No:19

(Marks:1)

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Low level features are very important in a language if you want to work on _____.

- A. Artificial Intelligence Applications
- B. Functional Paradigm
- C. Scientific Applications
- D. System Programming**

Question No:20

(Marks:1)

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Language levels have a direct influence on _____.

- A. Writability
- B. Readability**
- C. Productivity
- D. Reliability

Question No:21

(Marks:1)

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Which of the following language was designed as a hardware description language?

- A. SIMULA**
- B. PASCAL
- C. PL/1
- D. APL

Question No:22

(Marks:1)

Vu-Topper RM

Which of the following statement is correct in SNOBOL?

- A. :S(label) F (label2)
- B. : S(label) F(label2)
- C. :S(label) F(label2)

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D. :S(label)F(label2)

Question No:23

(Marks:1)

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Which of the following post-test loop is not supported in Ada language?

A. 'do while' loop

B. Infinite loop

C. 'for' loop

D. 'while' loop

Question No:24

(Marks:1)

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In SNOBOL, the maximum length of string can be _____ characters.

A. 255

B. 5000

C. 150

D. 1000

Question No:25

(Marks:1)

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A space is used as a(n) _____ for concatenation in SNOBOL.

A. Variable

B. Data Type

C. Operator

D. String

Question No:26

(Marks:1)

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FORTTRAN 2 came after one year of FORTRAN 1 in _____ with independent compilation and some bug fixes.

A. 1959

B. 1956

C. 1958

D. 1957

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Question No:27

(Marks:1)

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The structure that is used to group data and subprograms in Ada language is called:

A. Package

B. Array

C. Class

D. Function

Question No:28

(Marks:1)

Vu-Topper RM

In FORTRAN _____ independent compilation was not supported.

A. I

B. 77

C. IV

D. 90

Question No:29

(Marks:1)

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_____ statement is used in conjunction with the pattern matching statement in SNOBOL4.

A. Continue

B. Goto

C. Concatenation

D. Replacement

Question No:30

(Marks:1)

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Ada language supports encapsulation through:

A. Structures

B. Functions

C. Streams

D. Packages

Question No:31

(Marks:1)

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FORTRAN IV was released in _____ and became the most popular language of its time.

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- A. 1960
- B. 1962**
- C. 1961
- D. 1963

Question No:32 (Marks:1) **Vu-Topper RM**

Which of the following statement of Ada language is similar to 'throw' statement of C++?

- A. exception
- B. disaster
- C. exit
- D. raise**

Question No:33 (Marks:1) **Vu-Topper RM**

_____ was the first machine independent language.

- A. ALGOL
- B. LISP
- C. FORTRAN**
- D. SNOBOL

Question No:34 (Marks:1) **Vu-Topper RM**

In Late 70's, readability and more productivity resulted in:

- A. People efficiency
- B. Machine Efficiency
- C. Object Oriented Programming**
- D. Data Abstraction

Question No:35 (Marks:1) **Vu-Topper RM**

Binary operator in SONOBOL must has at least _____ space(s) on both sides.

- A. Three
- B. Four
- C. Two**

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D. Single

Question No:36

(Marks:1)

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The major influences on language design have been machine architecture and _____ design methodologies.

A. software

B. hardware

C. system

D. database

Question No:37

(Marks:1)

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Space operator in SNOBOL can be used for _____.

A. Concatenation

B. Immediate Assignment

C. Replacement

D. End Statement

Question No:38

(Marks:1)

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Which of the following language was not developed in 1950's era:

A. FORTRAN

B. COBOL

C. Smalltalk

D. Lisp

Question No:39

(Marks:1)

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For string manipulation, SNOBOL does not use:

A. Operators

B. Regular Expressions

C. Variables

D. Keywords

Question No:40

(Marks:1)

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_____ is the designer of C++ language.

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- A. Mike Sheridan
- B. Patrick Naughton
- C. James Gosling
- D. Bjarne Stroustrup**

Question No:41 (Marks:1) **Vu-Topper RM**
Depth at which we can _____ is influenced by the expressive power of the language.

- A. Listen
- B. Speak
- C. Write
- D. Think**

Question No:42 (Marks:1) **Vu-Topper RM**
In Ada, Boolean is a _____ enumeration type.

- A. Pre-defined**
- B. Client-defined
- C. Post-defined
- D. User defined

Question No:43 (Marks:1) **Vu-Topper RM**
Consider the following two statements written in Ada:
type Months is (January, February, March, April, May, June, July);
type Monthly_Sales is array(Months) of Float;
What is size of array named 'Monthly_Sales'?

- A. 7**
- B. 2
- C. 3
- D. 8

Question No:44 (Marks:1) **Vu-Topper RM**
In Ada programming language, _____ operator is used to access individual fields of a record type.

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- A. Space
- B. Dot**
- C. Colon
- D. Exclamation

Question No:45 (Marks:1) **Vu-Topper RM**
Concurrency in Ada language is achieved through _____.

- A. Packages
- B. Tasking**
- C. Classes
- D. Controls

Question No:46 (Marks:1) **Vu-Topper RM**
The major issue with _____ was that the developers had no or limited experience in software development.

- A. Java
- B. C++
- C. C#
- D. SNOBOL**

Question No:47 (Marks:1) **Vu-Topper RM**
Which statement is correct about Table in SNOBOL?

- A. Table is indexed by table size.
- B. Table is indexed by table name.
- C. Table is indexed by the key.**
- D. Table is indexed by number.

Question No:48 (Marks:1) **Vu-Topper RM**
Which of the following is the Range Operator in ADA programming language?

- A. ,,
- B. #
- C. %

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D..

Question No:49 (Marks:1) **Vu-Topper RM**

All of the following were main design goals of Ada language EXCEPT:

- A. Designing a portable language
- B. Program reliability and maintenance
- C. Avoid unintentional mistakes during programming
- D. Design language for the Department of Defence (USA)**

Question No:50 (Marks:1) **Vu-Topper RM**

Using Ada language, the correct way to declare an integer type with the lower value being 1 and the upper value being 100 is _____.

- A. type Marks is range 1::100;
- B. type Marks is range 1;;100;
- C. type Marks is range 1..100;**
- D. type Marks is range 1,,100;

Question No:51 (Marks:1) **Vu-Topper RM**

_____ language supports creating data types of your own choice.

- A. PROLOG
- B. FORTRAN
- C. LISP
- D. Ada**

Question No:52 (Marks:1) **Vu-Topper RM**

In SNOBOL4, the _____ function is used to replace one character with another in the entire string.

- A. ALTERATION
- B. REPLACE
- C. CHANGE**
- D. EXCHANGE

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Question No:53

(Marks:1)

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In SNOBOL, we can create new patterns by _____ two or more patterns.

A. Matching

B. Concatenating

C. Removing

D. Replacing

Question No:54

(Marks:1)

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Using SNOBOL, the correct way to create a one-dimensional array of 7 elements with the lower index being 2 and the upper index being 8.

A. X = ARRAY('2;8')

B. X = ARRAY('2.8')

C. X = ARRAY('2,8')

D. X = ARRAY('2:8')

Question No:55

(Marks:1)

Vu-Topper RM

Using SNOBOL, the correct way to create a dynamic array (i.e. takes its size at run time from user) is;

A. V = Array (Output)

B. V = Array (Input)

C. V = Array (Runtime)

D. V = Array (Dynamic)

Question No:56

(Marks:1)

Vu-Topper RM

Discriminated Records in Ada are like _____ types in C.

A. Union

B. Join

C. Intersection

D. Set

Question No:57

(Marks:1)

Vu-Topper RM

In Ada language, _____ are similar to classes in other languages.

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- A. Structures
- B. Controls
- C. Abstract Data types
- D. Packages**

Question No:58 (Marks:1) **Vu-Topper RM**

In Ada, the correct way to declare a Boolean type with values of False and True is _____

- A. type Boolean is (False: True);
- B. type Boolean is (False, True);**
- C. type Boolean is (False. True);
- D. type Boolean is (False; True);

Question No:59 (Marks:1) **Vu-Topper RM**

Which of the following statement is true regarding arrays in Ada language?

- A. Array cannot have more than 10 elements.
- B. Array can be created for integers only.
- C. Array can be defined without a specific size.**
- D. An array index must always start from 0

Question No:60 (Marks:1) **Vu-Topper RM**

The _____ operator is used for conditional assignment only when the entire pattern is matched.

- A. + (plus)
- B. (minus)
- C. \$ (dollar)**
- D. . (dot)

Question No:61 (Marks:1) **Vu-Topper RM**

SNOBOL 4 supports _____ types of functions.

- A. Five
- B. Four**

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- C. Two
- D. Three

Question No:62 (Marks:1) **Vu-Topper RM**

One of the major design goal of Ada language was _____.

- A. to help develop an automated IDE for Ada
- B. to make it difficult for developers to make mistakes**
- C. to help testers to test Ada application easily
- D. to help developers to code the software in lesser time

Question No:63 (Marks:1) **Vu-Topper RM**

Which of following is the membership operator in Ada?

- A. in**
- B. @
- C. ^
- D. mem

Question No:64 (Marks:1) **Vu-Topper RM**

Each 'if' statement in Ada language must be terminated with corresponding:

- A. 'elsif' statement
- B. 'then' statement
- C. 'else' statement
- D. 'end if' statement**

Question No:65 (Marks:1) **Vu-Topper RM**

The enum type of Ada language is different from the enum type of C language as no _____ on Ada enum type is performed.

- A. boolean operation
- B. logical operation
- C. arithmetic operation**
- D. relational operation

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Question No:66

(Marks:1)

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Using SNOBOL, the correct way to create a two-dimensional array of 2 x 8 is;

- A. N = ARRAY('2:8')
- B. N = ARRAY('2,8')
- C. N = ARRAY('2;8')**
- D. N = ARRAY('2.8')

Question No:67

(Marks:1)

Vu-Topper RM

Using Ada, the correct way to declare a floating point type with 15 decimal digits of precision is _____.

- A. type Double in digit 15;
- B. type Double is digits 15;**
- C. type Double is digit 15;
- D. type Double in digits 15;

Question No:68

(Marks:1)

Vu-Topper RM

Maps in SNOBOL may also be available in _____

- A. MATLAB online sources
- B. C standard library
- C. Prolog standard library**
- D. C++ standard library

Question No:69

(Marks:1)

Vu-Topper RM

In the case of Decimal fixed point type in Ada language, the distance between values is implemented as a power of _____.

- A. 2
- B. 10**
- C. 8
- D. 16

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Question No:70

(Marks:1)

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In Ada, the correct values of the following modular type are _____ . type M is mod 7;

A. 1,2,3,4,5,6,7

B. 0,1,2,3,4,5,6

C. 1,2,3,4,5,6

D. 0,1,2,3,4,5

Question No:71

(Marks:1)

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Array index in Ada:

A. must be an integer

B. can be of any discrete type

C. should always be a floating point number

D. cannot be a character

Question No:72

(Marks:1)

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In Ada, elementary types are also termed as _____ .

A. Public Types

B. Static Types

C. Built-in Types

D. User-defined Types

Question No:73

(Marks:1)

Vu-Topper RM

Correct syntax of creating variable of a specific length in Ada is:

A. Some_String: String(1,20);

B. Some_String: String(1 : 20);

C. Some_String: String(1>20);

D. Some_String: String(1..20);

Question No:74

(Marks:1)

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In ADA programming language, ** operator is used for _____ .

A. Range

B. Exponentiation

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- C. Remainder
- D. Membership

Question No:75 (Marks:1) **Vu-Topper RM**

Which of following is NOT considered as legal variable name in SNOBOL.

- A. my_var
- B. _myvar
- C. myvar
- D. my.var**

Question No:76 (Marks:1) **Vu-Topper RM**

The alternative of 'structure' data type in Ada language is:

- A. Record**
- B. Array
- C. Class
- D. Union

Question No:77 (Marks:1) **Vu-Topper RM**

In Ada, the example of composite data type is _____ .

- A. array**
- B. char
- C. floating
- D. integer

Question No:78 (Marks:1) **Vu-Topper RM**

Ada 95 was the first internationally standardized _____ programming language.

- A. Structured
- B. Object-Oriented**
- C. Non-Structured
- D. Logical

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Question No:79

(Marks:1)

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Which of following is considered as legal variable name in SNOBOL.

- A. lmyvar
- B. .myvar
- C. _myvar**
- D. my.var

Question No:80

(Marks:1)

Vu-Topper RM

In SNOBOL, _____ operator is used to ensure that assignment occurs ONLY if the entire pattern match is successful.

- A. (minus)
- B. + (plus)
- C. . (dot)
- D. \$ (dollar)**

Question No:81

(Marks:1)

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If the program written in a language takes more execution time, then the overall _____ will be less.

- A. Cost**
- B. Orthogonality
- C. Writability
- D. Readability

Question No:82

(Marks:1)

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In _____, there is no need to declare a variable and it takes the form of assigned value.

- A. ALGOL
- B. C
- C. SNOBOL**
- D. Ada

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Question No:83

(Marks:1)

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Designing a programming language is primarily a/an _____ feat, in which a long list of trade-offs must be made among features, constructs, and capabilities.

- A. Engineering**
- B. Industrial
- C. Production
- D. Manufacturing

Question No:84

(Marks:1)

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A language evaluation criteria includes following factors EXCEPT

- A. Modularity**
- B. Writabilty
- C. Portability
- D. Readability

Question No:85

(Marks:1)

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_____ was developed at Bell Labs by Stroustrup. It evolved from C and SIMULA 67.

- A. C#
- B. C++**
- C. Smaltalk
- D. Java

Question No:86

(Marks:1)

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The variable name have profound effect on _____.

- A. Readability**
- B. Writability
- C. Orthogonality
- D. Portability

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Question No:87

(Marks:1)

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Exception handling enables a programmer to intercept _____
time errors and take corrective measure if possible.

- A. Compile
- B. Test
- C. Run**
- D. Code

Question No:88

(Marks:1)

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In SNOBOL, control flow is achieved through the _____
statement.

- A. Switch
- B. If Else
- C. Go to Field**
- D. For Loop

Question No:89

(Marks:1)

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If a language has more than one way to accomplish the same task, this is
known as _____.

- A. Productivity
- B. Writability
- C. Multiplicity**
- D. Simplicity

Question No:90

(Marks:1)

Vu-Topper RM

_____ was the first language to add macro facility in a high-level
language.

- A. LISP
- B. SNOBOL**
- C. COBOL
- D. PROLOG

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Question No:91

(Marks:1)

Vu-Topper RM

Correct syntax of assigning null value to a variable in Snobol.

- A. someString = "null"
- B. someString = null
- C. someString =**
- D. someString = 'null'

Question No:92

(Marks:1)

Vu-Topper RM

Excessive use of GOTO statement in a program may reduce the

- A. Writability
- B. Portability
- C. Generality
- D. Readability**

Question No:93

(Marks:1)

Vu-Topper RM

One can learn new languages by learning the syntax and _____ of different languages.

- A. Character Set
- B. History
- C. Semantics**
- D. Design Patterns

Question No:94

(Marks:1)

Vu-Topper RM

"Conditional control transfer" gave rise to the idea of _____ which are blocks of code that can be reused over and over.

- A. Header Files
- B. Libraries**
- C. Namespaces
- D. Objects

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Question No:95

(Marks:1)

Vu-Topper RM

The uses of trivial programs are not recommended for the _____ of languages.

- A. Evaluation**
- B. Abstraction
- C. Writability
- D. Generalization

Question No:96

(Marks:1)

Vu-Topper RM

Which of the following language had great influence on modern high level programming languages like C?

- A. Lisp
- B. FORTRAN I
- C. COBOL
- D. ALGOL68**

Question No:97

(Marks:1)

Vu-Topper RM

In mid 80's , data complexity increased and it demanded:

- A. Stored Procedures
- B. Structured Approach
- C. Better Control Structures
- D. Object Oriented Programming**

Question No:98

(Marks:1)

Vu-Topper RM

The ability to create dynamic HTML documents was the primary objective of:

- A. Ada
- B. Java
- C. SNOBOL
- D. JavaScript**

Question No:99

(Marks:1)

Vu-Topper RM

_____ operator is right associative in SNOBOL.

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- A. Unary operator
- B. Division operator
- C. Binary operator
- D. Exponentiation operator**

Question No:100 (Marks:1) **Vu-Topper RM**
16 - 23 function points show that language level is _____ .

- A. 1 - 3
- B. 4 - 8
- C. 9 - 15
- D. 16 - 23**

Question No:101 (Marks:1) **Vu-Topper RM**
In earlier versions of FORTRAN, parameters were :

- A. Pass by Value
- B. Pass by Type
- C. Only 1 byte could pass
- D. Pass by Reference**

Question No:102 (Marks:1) **Vu-Topper RM**
COBOL was designed in _____ to support business-oriented computation which required fixed point arithmetic.

- A. 1950
- B. 1980
- C. 1970
- D. 1960**

Question No:103 (Marks:1) **Vu-Topper RM**
In SNOBOL, _____ operator has highest precedence.

- A. Multiplication
- B. Exponentiation**
- C. Division
- D. Unary

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Question No:104

(Marks:1)

Vu-Topper RM

First electronic computer was _____

- A. Intel 386
- B. Baggage Analytical Engine
- C. IBM x86
- D. ENIAC**

Question No:105

(Marks:1)

Vu-Topper RM

LISP stands for List _____ Language.

- A. Professional
- B. Processing
- C. Procedure
- D. Programming**

Question No:106

(Marks:1)

Vu-Topper RM

Symbolic assembly language and macro assembly were developed in:

- A. 1950's**
- B. 1980's
- C. 1960's
- D. 1970's

Question No:107

(Marks:1)

Vu-Topper RM

One is limited in his/her _____ by the tools used to express his/her ideas.

- A. Listing
- B. Thinking**
- C. Speaking
- D. Writing

Question No:108

(Marks:1)

Vu-Topper RM

The result of expression $2**3$ in SNOBOL will be:

- A. 6
- B. 36

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C.8

D.5

Question No:109

(Marks:1)

Vu-Topper RM

Which of the following was an illegal number in the initial version of SNOBOL?

A. +0

B. 0012

C. -36

D. 4.5

Question No:110

(Marks:1)

Vu-Topper RM

What would be the output of following SNOBOL4 code?

P = ('A' | 'B' | 'C' | 'D') \$ V

'ZAIN' P

OUTPUT = V

A. A

B. N

C. I

D. Z

Question No:111

(Marks:1)

Vu-Topper RM

The GOTO statement in SNOBOL is _____.

A. Explicit

B. Pattern matched

C. An indirect reference

D. Implicit

Question No:112

(Marks:1)

Vu-Topper RM

_____ was the first object oriented language.

A. JAVA

B. COBOL

C. SIMULA

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D. LIS

Question No:113

(Marks:1)

Vu-Topper RM

To compare the productivity of different languages which criteria is used?

A. We mention its readability.

B. We should write some complex program in each language.

C. We need to see which language is object oriented and which is not.

D. We should write a Hello World program in each language.

Question No:114

(Marks:1)

Vu-Topper RM

Using SNOBOL, the correct way to create a one-dimensional array of 10 elements and each element contains 1.0, is;

A. V = ARRAY(10. 1.0)

B. V = ARRAY(10, 1.0)

C. V = ARRAY(10: 1.0)

D. V = ARRAY(10; 1.0)

Question No:115

(Marks:1)

Vu-Topper RM

User-defined data structures, reference types, and dynamic arrays were the major contributions of _____ language.

A. FORTRAN

B. ALGOL60

C. ALGOL68

D. ALGOL

Question No:116

(Marks:1)

Vu-Topper RM

The first high level language was _____

A. SNOBOL

B. FORTRAN

C. Ada

D. Plankalkül

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Question No:117

(Marks:1)

Vu-Topper RM

Identify the feature which was not available in FORTRAN-IV.

- A. subprograms could also be passed as parameters**
- B. support for explicit type declarations
- C. support for structured programming
- D. logical IF statemen

Question No:118

(Marks:1)

Vu-Topper RM

Which of the following operator is used for string concatenation in Ada?

- A. \$
- B. *
- C. &**
- D. !

Question No:119

(Marks:1)

Vu-Topper RM

We can have nested procedures in _____ language.

- A. Ada**
- B. C++
- C. C
- D. PROLOG

Question No:120

(Marks:1)

Vu-Topper RM

The most important concept in LISP programming language is:

- A. Object
- B. List**
- C. Function
- D. Symbol

Question No:121

(Marks:1)

Vu-Topper RM

A 'break' statement in C-language is used to exit from loop structure.

It's alternative in Ada language is:

- A. exit**
- B. kill

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- C. terminate
- D. breakif

Question No:122

(Marks:1)

Vu-Topper RM

_____ is the Equality Operator in ADA.

- A. ==
- B. :=
- C. =**
- D. =:

Question No:123

(Marks:1)

Vu-Topper RM

Which of the following can be used to declare objects in Ada language?

- A. Stack
- B. Function
- C. Tagged type
- D. Array**

Question No:124

(Marks:1)

Vu-Topper RM

_____ is the Assignment Operator in ADA.

- A. ->
- B. =
- C. :=**
- D. ==

Question No:125

(Marks:1)

Vu-Topper RM

_____ is the Modulus Operator in ADA programming language.

- A. Mod**
- B. &
- C. Modulu
- D. %

Question No:126

(Marks:1)

Vu-Topper RM

A 'while' loop in Ada is terminated by _____ keyword.

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- A. exit
- B. end while
- C. break
- D. end loop**

Question No:127 (Marks:1) **Vu-Topper RM**

In the case of Ordinary fixed point type of Ada language, the distance between values is implemented as a power of _____.

- A. 2**
- B. 10
- C. 8
- D. 16

Question No:128 (Marks:1) **Vu-Topper RM**

Which of the following operator in Ada is used to check the non-equality of two operands?

- A. /=
- B. ==!
- C. !=
- D. <>**

Question No:129 (Marks:1) **Vu-Topper RM**

A 'switch' statement in C-language is used for decision making. Its alternative in Ada language is:

- A. 'while' statement
- B. 'for' statement
- C. 'record' statement
- D. 'case' statement**

Question No:130 (Marks:1) **Vu-Topper RM**

_____ is not a discrete type in Ada.

- A. Integer type
- B. Modular type

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C. Character type

D. String Typ

Question No:131

(Marks:1)

Vu-Topper RM

There are _____ built in character types in Ada.

A. Five

B. Four

C. Three

D. Two

Question No:132

(Marks:1)

Vu-Topper RM

Which of the following is a correct way to declare an array of 10 elements named as 'student' of integer type in Ada language?

A. int array student [10];

B. array student [10]: int

C. type student is array (1..10) of Integer;

D. int student[10]

Question No:133

(Marks:1)

Vu-Topper RM

In Ada language, which of the following is used for the initiation of concurrent tasks?

A. tagged types

B. subprograms

C. Generics

D. Tasking

Question No:134

(Marks:1)

Vu-Topper RM

_____ is used to give comments in Ada language.

A. /*

B. //

C. */

D. --

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Question No:135

(Marks:1)

Vu-Topper RM

Measure of _____ is considered as the cost of writing programs in a programming language.

- A. Reliability
- B. Writability
- C. Readability
- D. Productivity**

Question No:136

(Marks:1)

Vu-Topper RM

_____ was the era when programming language design took an empirical approach.

- A. 1940s
- B. 1950s**
- C. 1960s
- D. 1970s

Question No:137

(Marks:1)

Vu-Topper RM

The design and evaluation of a particular _____ is highly dependent on the domain in which it is to be used.

- A. Software design
- B. Database system
- C. Computer program
- D. Programming language**

Question No:138

(Marks:1)

Vu-Topper RM

15-30 function points shows that language level is :

- A. Above 55
- B. 1-3**
- C. 4-8
- D. 16-23

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Question No:139

(Marks:1)

Vu-Topper RM

Which of the following statement is best suited for C programming language?

- A. With powerful set of operators but poor type checking**
- B. First language to provide exception handling
- C. Introduced the notion of class
- D. String manipulation language

Question No:140

(Marks:1)

Vu-Topper RM

_____ are rule based, order of execution is not defined.

- A. Declarative languages**
- B. Parallel programming languages
- C. System engineering languages
- D. Imperative languages

Question No:141

(Marks:1)

Vu-Topper RM

In 1988 _____ compilers ignore parameter errors.

- A. Java
- B. Ada**
- C. C++
- D. C

Question No:142

(Marks:1)

Vu-Topper RM

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

- A. ALGOL
- B. C
- C. LISP**
- D. MATLAB

Question No:143

(Marks:1)

Vu-Topper RM

The _____ field is used to alter the flow of control of a SNOBOL program.

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- A. Pass
- B. Stay
- C. Goto**
- D. CONTINUE

Question No:144 (Marks:1) **Vu-Topper RM**
In ENIAC physical motion was eventually replaced by _____ signals.

- A. Logical
- B. Digital
- C. Analog
- D. Electrical**

Question No:145 (Marks:1) **Vu-Topper RM**
Certain _____ can only be found and fixed if a programmer knows some implementation details such as two-dimensional array in FORTRAN is column major.

- A. Rule
- B. Bugs**
- C. Constants
- D. Exceptions

Page 6

Question No:146 (Marks:1) **Vu-Topper RM**
_____ brought back pointers, structs, enum types, operator overloading, and goto statement which were eliminated by Java.

- A. C#**
- B. C++
- C. PASCAL
- D. SNOBOL

Page 29

Question No:147 (Marks:1) **Vu-Topper RM**
The only Control structure in SNOBOL is _____

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A. For Loop

B. Go to Statement

Page 45

C. If Else statement

D. Switch statement

Question No:148

(Marks:1)

Vu-Topper RM

Following are object oriented programming languages EXCEPT

A. C#

B. C++

C. LISP

Page 29

D. JAVA

Question No:149

(Marks:1)

Vu-Topper RM

Operator overloading _____ Writability but Readability is affected.

A. Increases

B. Stabilizes

C. Decreases

D. Has no affect on

Question No:150

(Marks:1)

Vu-Topper RM

\$ operator in SNOBOL is used as both a/an _____ and _____ operator.

A. unary , binary

B. internal , binary

C. unary , external

D. external , internal

Question No:151

(Marks:1)

Vu-Topper RM

COBOL is mainly designed for _____.

A. AI applications

B. Business application

C. Scientific experiments

D. Publishing and writing algorithm

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Question No:152

(Marks:1)

Vu-Topper RM

Suppose, P1 and P2 are two patterns in SNOBOL. P1 = 'A' | 'B' P2 = 'C' | 'D' The correct resultant value after the concatenation of patterns P1 and P2 will be;

- A. 'AB' | 'BC' | 'CD' | 'DA'
- B. 'A' | 'B' | 'C' | 'D'
- C. 'AC' | 'AD' | 'BC' | 'BD'**
- D. 'AA' | 'BB' | 'CC' | 'DD'

Question No:153

(Marks:1)

Vu-Topper RM

Which of the following is true about Dot operator (.) in SNOBOL?

- A. Unary operator
- B. Binary operator**
- C. Class pointer
- D. Reference pointer

Question No:154

(Marks:1)

Vu-Topper RM

Language levels have a direct influence on _____ .

- A. Readability
- B. Writability**
- C. Productivity
- D. Reliability

Question No:155

(Marks:1)

Vu-Topper RM

PHP stands for _____ Home Page.

- A. Public
- B. Private
- C. Personal**
- D. Protected

Question No:156

(Marks:1)

Vu-Topper RM

If we have two spaces in SNOBOL the first is used for _____ and the second one for _____ .

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A. pattern matching , concatenation

B. concatenation , pattern matching

Page 36

C. immediate assignment , replacement

D. as a whole assignment , immediate assignment.

Question No:157

(Marks:1)

Vu-Topper RM

Smalltalk was the first purest _____ language and pioneered graphical user interface.

A. Functional

B. Procedural

C. Structured

D. object oriented

Page 30

Question No:158

(Marks:1)

Vu-Topper RM

The first compiler was implemented on the _____ computer in 1953.

A. Bell

B. MIT Whirlwind

Page 24

C. INRIA

D. IBM

Question No:159

(Marks:1)

Vu-Topper RM

_____ was designed by Niklaus Wirth in 1971.

A. C

B. Pascal

C. Java

D. Simula

Question No:160

(Marks:1)

Vu-Topper RM

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

A. Parallel programming domain

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- B. System programming domain
- C. Scientific application programming domain**
- D. Artificial intelligence language domain

Question No:161 (Marks:1) **Vu-Topper RM**

Which of the following is an example of null assignment in SNOBOL?

- A. NULL = "NULL"
- B. NULL =**
- C. NULL = "Hello"
- D. V = "NULL"

Question No:162 (Marks:1) **Vu-Topper RM**

Initial version of SONOBOL only supported _____ and strings.

- A. Digits
- B. Real Numbers
- C. Exponential Numbers
- D. Integers**

Question No:163 (Marks:1) **Vu-Topper RM**

Plus sign (+) is used for _____ in SNOBOL.

- A. Body of the program
- B. Line Continuation
- C. Line Breakge
- D. Immediate assignment**

Question No:164 (Marks:1) **Vu-Topper RM**

In SNOBOL4, the _____ is accomplished through the INPUT and OUTPUT statements.

- A. Restart
- B. Assignment
- C. I/O**
- D. Matching

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Question No:165

(Marks:1)

Vu-Topper RM

The language that introduced concurrency through tasking model was:

- A. ADA**
- B. SIMULA
- C. PL/1
- D. SNOBOL

Question No:166

(Marks:1)

Vu-Topper RM

We can use a variable in Visual Basic without declaring it. This thing decreases reliability on one side and enhances _____ on the other side.

- A. Writability**
- B. Training cost
- C. Readability
- D. Execution speed

Question No:167

(Marks:1)

Vu-Topper RM

C language was popular in students due to:

- A. Orthogonality
- B. Easy Portability**
- C. Size of language
- D. Arithmetic decimal support

Question No:168

(Marks:1)

Vu-Topper RM

_____ is used for value assignment for those parts of pattern that match or immediate assignment in SNOBOL.

- A. Binary Space operator
- B. Unary Space operator
- C. (.)Dot operator
- D. \$ operator**

Question No:169

(Marks:1)

Vu-Topper RM

The ANSI standard for C++ was first approved in:

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A. May, 1995

B. January, 1996

C. August, 1994

D. November, 1997

Question No:170

(Marks:1)

Vu-Topper RM

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

A. String

Page 41

B. Operator

C. Keyword

D. Variable

Question No:171

(Marks:1)

Vu-Topper RM

Programming environments have become important parts of software development systems, in which the _____ is just one of the components.

A. Software

B. Language

C. Database

D. Hardware

Question No:172

(Marks:1)

Vu-Topper RM

Which statement is correct about SNOBOL?

A. Variables must be declared before use

B. Variables are not declared before use

C. Value is assigned to variable first

D. Variable is declared first

Question No:173

(Marks:1)

Vu-Topper RM

To the man who only has a hammer in the toolkit, every problem looks like a _____ .

A. Nut

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B. Nail Page 5

C. Bolt

D. Screw

Question No:174

(Marks:1)

Vu-Topper RM

_____ was the era when programming language design took a mathematical approach.

Analysis and elaboration Page

Question No:175

(Marks:1)

Vu-Topper RM

Which of the following is not primitive type in java?

Array

Question No:176

(Marks:1)

Vu-Topper RM

LISP was basically developed to solve _____ problems.

A. Accounting

B. Scientific

C. Artificial intelligence

Page 75

D. Business

Question No:177

(Marks:1)

Vu-Topper RM

In Java, out-of-bounds array index always causes a _____ error.

Syntax

run time

Question No:178

(Marks:1)

Vu-Topper RM

Elements of the array in SNOBOL4 _____

A. must be of same type

B. not necessarily of the same type

C. must be of Integer type

D. must be of different types

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Question No:179

(Marks:1)

Vu-Topper RM

Which of the following function of LISP assigns value 5 to symbol y?

- A. >(setq y 5)**
- B. >(setq 5 y)
- C. >(setq.5.y)
- D. >(setq.y.5)

Question No:180

(Marks:1)

Vu-Topper RM

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

- A. >(Union L1 L2) Page 68**
- B. >(L1 UNION L2)
- C. >Union L1
- D. >(L1 union L2)

Question No:181

(Marks:1)

Vu-Topper RM

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

- A. Ada Page 51**
- B. C
- C. C++
- D. LISP

Question No:182

(Marks:1)

Vu-Topper RM

Lists can be constructed (created and extended) with the help of _____ basic functions in LISP.

- A. One
- B. Two
- C. Five
- D. Three Page 66**

Question No:183

(Marks:1)

Vu-Topper RM

For immediate value assignment _____ sign is used.

- A. +
- B. \$ Page 37**

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- C. &
- D. *

Question No:184

(Marks:1)

Vu-Topper RM

How many element(s) are there in LISP list (a (b c))?

- A. 1
- B. 2**
- C. 3
- D. 4

Page 63

Question No:185

(Marks:1)

Vu-Topper RM

You can return structures but not _____ from a function in C programming language.

- A. Array**
- B. Int
- C. Float
- D. String

Page 19

Question No:186

(Marks:1)

Vu-Topper RM

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

- A. !(Sign of exclamation)
- B. |(Vertical Slash)**
- C. :(Colon)
- D. None of the given

Page 90

Question No:187

(Marks:1)

Vu-Topper RM

Which of the following is not true about delegates?

- A. C/C++
- B. Delegates are value type**
- C. Delegates are reference type
- D. Delegates are similar to function pointers.

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Question No:188

(Marks:1)

Vu-Topper RM

Block statement in Ada is very similar to a block in _____.

A. C

Page 56

B. SNOBOL

C. FORTRAN

D. None of these

Question No:189

(Marks:1)

Vu-Topper RM

_____ was considered good for describing algorithms.

A. LISP

B. ADA

C. ALGOL

Page 24

D. FORTRAN

Question No:190

(Marks:1)

Vu-Topper RM

The declarative language among the following is CS508 C

A. C

B. C++

C. PASCAL

D. PROLOG

Page 77

Question No:191

(Marks:1)

Vu-Topper RM

In Ada programming language Tagged types are used for _____

A. Encapsulation

B. Defining extensible types

Page 59

C. Both

D. None of these

Question No:192

(Marks:1)

Vu-Topper RM

_____ are a type of Aliasing.

A. Arrays

B. Pointers

C. Linked list

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D. Parameters

Question No:193

(Marks:1)

Vu-Topper RM

Following factors influences a portable language design EXCEPT

- A. Readability
- B. Windows XP**
- C. Programmer's time
- D. Computer architecture

Question No:194

(Marks:1)

Vu-Topper RM

What is maximum length of variable name in Snobol?

- A. 16
- B. 32
- C. 64
- D. 120**

Question No:195

(Marks:1)

Vu-Topper RM

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

- A. (L1 Difference L2)
- B. (Difference L1 L2)
- C. (set-difference L1 L2)
- D. (set-difference L1 L2)**

Question No:196

(Marks:1)

Vu-Topper RM

If a language become very simple then it will _____.

- A. increase writability
- B. increase readability**
- C. increase readability and decrease writability
- D. decrease both readability and writability

Question No:197

(Marks:1)

Vu-Topper RM

_____ helps in creating types of your own choice even numeric types can be created.

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- A. Ada**
- B. LISP
- C. FORTRAN
- D. PROLOG

Question No:198 (Marks:1) **Vu-Topper RM**
LISP was the first programming language that introduced the concept of

- _____.
- A. Trees
 - B. Arrays
 - C. Pointers
 - D. Dynamic typing**

Question No:199 (Marks:1) **Vu-Topper RM**
What will be the result of following function call in LISP?

- A. 3.5**
- B. 9.0
- C. 7/2
- D. 7.02

Question No:200 (Marks:1) **Vu-Topper RM**
Which of the following function in LISP determines whether 'm' is a member of list 'T' or not?

- A. (isMember (m, T))
- B. (eq member (T, m))
- C. (cond ((member T) m))
- D. (defun member (m T))**

Question No:201 (Marks:1) **Vu-Topper RM**
In which of the following style of programming, evaluation of expression is emphasized rather than execution of commands?

- A. Generic Programming
- B. Functional Programming**

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- C. Aspect-based Programming
- D. Object-oriented Programming

Question No:202

(Marks:1)

Vu-Topper RM

The property list in LISP is a substitute of _____.

- A. Compiler
- B. C/C++ pointer
- C. Java interfaces
- D. C/C++ structure**

Question No:203

(Marks:1)

Vu-Topper RM

Which of the following is an invalid symbol in LISP?

- A. Test_symbol
- B. Test-symbol
- C. Testsymbol**
- D. Test symbol

Question No:204

(Marks:1)

Vu-Topper RM

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

- A. For Loop
- B. Recursion**
- C. While Loop
- D. Do-While Loop

Question No:205

(Marks:1)

Vu-Topper RM

To implement a counter-controlled loop in LISP, which of the following statement is used?

- A. Defun
- B. Iterate
- C. Dotimes**
- D. listLoop

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Question No:206

(Marks:1)

Vu-Topper RM

The first programming language to support Recursion was _____.

- A. Ada
- B. Lisp**
- C. Cobol
- D. FORTRAN

Question No:207

(Marks:1)

Vu-Topper RM

In LISP, _____ function is same as _____ function.

- A. car , rest**
- B. car , first
- C. cdr , cons
- D. car , second

Question No:208

(Marks:1)

Vu-Topper RM

We have extensive use of _____ in LISP.

- A. for loop
- B. recursion**
- C. while loop
- D. switch statement

Question No:209

(Marks:1)

Vu-Topper RM

Which of the following is a correct if-statement in LISP?

- A. if(score < 66) 'High
- B. if(< score 66) 'High**
- C. if(66 score <) 'High
- D. if(score 66 <) 'High

Question No:210

(Marks:1)

Vu-Topper RM

SIZE() and REPLACE() in SNOBOL4 are ____ functions.

- A. primitive**
- B. built-in
- C. user defined

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D. both primitive and built-in

Question No:211

(Marks:1)

Vu-Topper RM

Which of the following is a discrete type in Ada.

- A. Modular type
- B. enumeration type
- C. Both of the above**
- D. None

Question No:212

(Marks:1)

Vu-Topper RM

We use _____ operator for indirect referencing in SNOBOL.

- A. Unary dot(.)
- B. Unary \$**
- C. Binary dot(.)
- D. Binary \$

Question No:213

(Marks:1)

Vu-Topper RM

In Ada subprograms, the list of parameters is separated by ____

- A. comma(,)
- B. colon(:)
- C. semicolon(;**
- D. dot(.)

Question No:214

(Marks:1)

Vu-Topper RM

____ function is used to forbid the evaluation of x in LISP

- A. (setf x)
- B. (setq x)
- C. (cons x)
- D. (quote x)**

Question No:215

(Marks:1)

Vu-Topper RM

Two-dimensional arrays are stored column-wise (column major) in:

- A. C#

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- B. ALGOL
- C. BASIC
- D. FORTRAN**

Question No:216 (Marks:1) **Vu-Topper RM**
A subprogram defined inside another subprogram can be used by ____

- A. Parent only
- B. Children only
- C. Siblings only
- D. Parent, Children and siblings**

Question No:217 (Marks:1) **Vu-Topper RM**
Genetics allow parameterization of ____

- A. Objects
- B. Variables
- C. Programs
- D. Subprograms**

Question No:218 (Marks:1) **Vu-Topper RM**
What is the size of the integer in SNOBOL?

- A. 2 bytes**
- B. 4 bytes
- C. 8 bytes
- D. 32 bytes

Question No:219 (Marks:1) **Vu-Topper RM**
Table in SNOBOL can be used as _____.

- A. Pointers
- B. Arrays** **Page 43**
- C. Both arrays and pointers
- D. Reference operator

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Question No:220 (Marks:1)

Vu-Topper RM

Array index in Ada start from ____

- A. Null**
- B. Zero
- C. One
- D. Two

Question No:221 (Marks:1)

Vu-Topper RM

Ada is a _____ language

- A. Typed
- B. Non typed
- C. Weakly typed
- D. Strongly typed**

Question No:222 (Marks:1)

Vu-Topper RM

A language that can be used for a wide domain of applications has higher ____

- A. Portability
- B. Reliability
- C. Generality**
- D. Readability

Page 20

Question No:223 (Marks:1)

Vu-Topper RM

In earlier versions of FORTRAN, parameters were:

- A. Pass by Type
- B. Pass by Value**
- C. Pass by reference
- D. Only 1 byte could pass

Question No:224 (Marks:1)

Vu-Topper RM

The more orthogonal the designs the fewer the ____

- A. Bugs
- B. Errors

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C. Warnings

D. Exceptions

Question No:225

(Marks:1)

Vu-Topper RM

Prolog database is based upon ____

A. Facts

B. Facts and rules

C. Facts and queries

D. Rules and queries

Question No:226

(Marks:1)

Vu-Topper RM

The statement true about Prolog “ ____ ”

A. It is a database language

B. It is used for AI application

C. It is string manipulation language

D. Use both for AI application and as a database language

Question No:227

(Marks:1)

Vu-Topper RM

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

A. Object

B. Records

C. Variable

D. Structure

Page 28

Question No:228

(Marks:1)

Vu-Topper RM

Which language had great influence on high programming languages like C:

A. LISP

B. COBOL

C. ALGOL68

D. FORTRAN I

Page 27

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Question No:229

(Marks:1)

Vu-Topper RM

Which of the following is not a symbol in Lisp

- A. Testsymbol
- B. Test symbol**
- C. Test-symbol
- D. Test_symbol

Question No:230

(Marks:1)

Vu-Topper RM

Which of following operator is used for concatenation of statement which is speared over more than one line in SNOBOL?

- A. +**
- B. +=
- C. :=
- D. ->

Question No:231

(Marks:1)

Vu-Topper RM

To make necessary arrangement for run time errors is called

_____.

- A. Debugging
- B. Error checking
- C. Feature multiplicity
- D. Exception handling**

Question No:232

(Marks:1)

Vu-Topper RM

The correct statement about SNOBOL ____

- A. Poor readability
- B. Good writability
- C. Good readability
- D. Poor readability and writability**

Question No:233

(Marks:1)

Vu-Topper RM

The block structure feature of ALGOL60 has ____ scope

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- A. No
- B. Local**
- C. Global
- D. Universal

Question No:234 (Marks:1) **Vu-Topper RM**

In the Decimal fixed point type, the distance between values is implemented as a power of ____

- A. 2
- B. 8
- C. 10**
- D. 16

Question No:235 (Marks:1) **Vu-Topper RM**

____ operations must have one of its parameters of the tagged type

- A. Generic
- B. Primitive**
- C. Concurrent
- D. Synchronized

Question No:236 (Marks:1) **Vu-Topper RM**

An understanding of implementation issues leads to a/an _____ of why languages are designed the way they are.

- A. Confusion
- B. Uncertainty
- C. Understanding**
- D. Misunderstanding

Question No:237 (Marks:1) **Vu-Topper RM**

Imperative programming languages are the direct result of ____

- A. Charles Babbage engine
- B. Von Neumann architecture**
- C. Language application domain

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D. Logic or list program languages

Question No:238

(Marks:1)

Vu-Topper RM

In java, explicit conversion of primitive type is done by _____

- A. Aliasing
- B. Boxing
- C. Casting**
- D. Overloading

Question No:239

(Marks:1)

Vu-Topper RM

_____ is used to initialize values of arrays in C++ and Java.

- A. []**
- B. ()
- C. {}
- D. <>

Question No:240

(Marks:1)

Vu-Topper RM

In Prolog language _____ is used for comments.

- A. //
- B. %**
- C. \
- D. **

Question No:241

(Marks:1)

Vu-Topper RM

_____ was designed primarily for system simulation.

- A. APL
- B. Pascal
- C. Simula**
- D. SNOBOL

Question No:242

(Marks:1)

Vu-Topper RM

Which of the following is not a discrete type in ada

- A. String type**

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- B. Integer type
- C. Modular type
- D. Character type

Question No:243

(Marks:1)

Vu-Topper RM

Which of the following operator is used for pattern matching in SNOBOL?

- A. . (Dot)
- B. (Space)**
- C. = (Equal)
- D. ≠ (Not Equal)

Question No:244

(Marks:1)

Vu-Topper RM

In SNOBOL we can create new pattern by ----- two or more patterns.

- A. Matching
- B. Replacing
- C. Removing
- D. Concatenating**

Question No:245

(Marks:1)

Vu-Topper RM

A _____ is used to signify a potentially infinite loop in Ada.

- A. Full loop
- B. Master loop
- C. Simple loop**
- D. Special loop

Question No:246

(Marks:1)

Vu-Topper RM

“Everything for everybody” was the motive of the language

- A. PL/1**
- B. LISP
- C. JAVA
- D. COBOL

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Question No:247

(Marks:1)

Vu-Topper RM

Which of the following is not part of standard SNOBOL 4 statement structure?

- A. END**
- B. LABEL
- C. Goto Field
- D. Statement body

Question No:248

(Marks:1)

Vu-Topper RM

The first programming language was ----- developed by Zuse in isolation.

- A. PL1
- B. Ada
- C. Algol
- D. Plankalkul**

Question No:249

(Marks:1)

Vu-Topper RM

The tools we use have a profound (and devious!) influence on our _____ habits and, therefore, on our thinking abilities.

- A. Seeing
- B. Feeling
- C. Thinking**
- D. Listening

Question No:250

(Marks:1)

Vu-Topper RM

----- was developed at Bell Labs by Stroustrup. It evolved from C and SIMULA 67

- A. C#
- B. C++**
- C. Java
- D. Smalltalk

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Question No:251

(Marks:1)

Vu-Topper RM

Two important versions of LISP are -----.

- A. Scheme and Atoms
- B. List and Common Lisp
- C. Common Lisp and defacto
- D. Scheme and Common Lisp**

Question No:252

(Marks:1)

Vu-Topper RM

Pascal language was popular in Colleges and universities to teach:

- A. Scripting language
- B. Business programming
- C. Structured programming**
- D. Object Oriented programming

Question No:253

(Marks:1)

Vu-Topper RM

----- was developed at Sun in the early 1990s and is based on C++.

- A. C#
- B. Java**
- C. Pascal
- D. Smaltalk

Question No:254

(Marks:1)

Vu-Topper RM

Some languages allow special keywords for signaling the start and end of a construct, making it more _____ and less prone to errors.

- A. Writable
- B. Readable**
- C. Listenable
- D. Watchable

Question No:255

(Marks:1)

Vu-Topper RM

Following are some of the reasons for studying concepts related to different programming languages EXCEPT.

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- A. Increased ability to learn new language
- B. Increased ability to design new languages
- C. Increased capability to design communication links**
- D. Increased capacity to express programming concepts

Question No:256 (Marks:1) **Vu-Topper RM**

Which of the following statement is correct about SNOBOL?

- A. Poor Readability Poor Writability**
- B. Good Readability Poor Writability
- C. Poor Readability Good Writability
- D. Good Readability Poor Writability

Question No:257 (Marks:1) **Vu-Topper RM**

A query given to a PROLOG system:

- A. Is treated an object
- B. Cannot contain variables
- C. Does not involve database
- D. Is a pattern matching exercise**

Question No:258 (Marks:1) **Vu-Topper RM**

A loop in which condition is tested after executing the body of loop is called post-test loop. Which of the following post- test loop is not supported in Ada language?

- A. 'for' loop
- B. 'While' loop
- C. Infinite loop
- D. 'do while' loop**

Question No:259 (Marks:1) **Vu-Topper RM**

The integrity of types is checked from all together in -----.

- A. Ada**
- B. ALGOL
- C. SNOBOL

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D. Plankal Koll

Question No:260

(Marks:1)

Vu-Topper RM

SNOBOL is case _____.

A. Sensitive

B. In-Sensitive

Page 33

C. Super-Sensitive

D. Not-Sensitive

Question No:261

(Marks:1)

Vu-Topper RM

SNOBOL was designed for _____ purpose.

A. String manipulation

Page35

B. AI

C. Business

D. Scientific

Question No:262

(Marks:1)

Vu-Topper RM

Which of the following statement in LISP is used to list all properties of symbol 'k'?

A. >(get all 'k')

B. >(obtain all 'k')

C. >(symbol-plist 'k')

Page74

D. >(get 'k')

Question No:263

(Marks:1)

Vu-Topper RM

In Prolog was specify _____ and do not specify _____.

A. Solution, Problem

B. Problem, Solution

Page 86

C. Result, Inputs

D. Result, Outputs

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Question No:264

(Marks:1)

Vu-Topper RM

If you want to assign a value 10 to a variable name "Roll_No" in Ada language, then which of the following is a correct way to do that?

A. Roll_No = 10

B. Roll_No -> 10

C. Roll_No := 10

Page47

D. Roll_No : 10

Question No:265

(Marks:1)

Vu-Topper RM

_____ is the first programming language that give unit level concurrency.

A. PROLOG

B. SNOBOL

C. PL1

Page 28

D. BASIC

Question No:266

(Marks:1)

Vu-Topper RM

_____ is concerned with maintenance and debugging. This is a very important because if maintenance cost is reduced, the overall cost of the software will also be reduced.

A. Readability

Page 20

B. Writabilty

C. Orthogonality

D. Portability

Question No:267

(Marks:1)

Vu-Topper RM

(.) Dot operator is a _____ in SNOBOL.

A. Reference pointer

B. Unary operator

Page33

C. Binary Operator

D. None of the given

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Question No:268

(Marks:1)

Vu-Topper RM

Plankalku has _____ arithmetic.

A. Long

B. Floating point

Page 24

C. Double

D. Decimal

Question No:269

(Marks:1)

Vu-Topper RM

Which of the following statement of LISP creates an array of size 5?

A. (self linear-array(make-array'(5)))

Page 75

B. (make linear-array(5))

C. (setq linear-array(array'(5)))

D. (setf(make-array'(5)))

Question No:270

(Marks:1)

Vu-Topper RM

_____ operator is right associative in SNOBOL.

A. Unary Operator

B. Binary Operator

C. Exponentiation operator

Page33

D. Division Operator

Question No:271

(Marks:1)

Vu-Topper RM

Which of the following feature of Ada language is similar to the pointers in C++ ?

A. Records

B. Arrays

C. Access Types

Page 53

D. Structures

Question No:272

(Marks:1)

Vu-Topper RM

Computers are used in a wide variety of _____ domains.

A. problem-generating

B. problem-defining

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C. problem-describing

D. problem-solving

Question No:273

(Marks:1)

Vu-Topper RM

Which of the following is a correct if statement in Lisp?

A. if (score 66 <) High

B. if (< score 66) High

Page 69

C. if (score < 66) High

D. if (66 score <) High

Question No:274

(Marks:1)

Vu-Topper RM

One of the significant feature associated with SNOBOL is _____.

A. Performing arithmetic operation seperately

B. Mixing arithmetic and string operations

Page 35

C. Allow String manipulation operation only

D. Explicit Variable declaration

Question No:275

(Marks:1)

Vu-Topper RM

In Ada, tagged type defination is performed in a _____.

A. Concurrency

B. Package

Page 59

C. Generics

D. Structure

Question No:276

(Marks:1)

Vu-Topper RM

Using SNOBOL the correct way to create a one-dimensional array of 10 elements and each element contains 1.0, is:

A. V= ARRAY(10,1.0)

Page 42

B. V= ARR(10,1.0)

C. V= ARR(1.0,10)

D. V= ARRAY(1.0,10)

بري صحبت سے تہائی بہتر ہے اور تہائی سے نیک صحبت بہتر ہے

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Question No:277

(Marks:1)

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_____ is/are harmful as far as readability is concerned.

- A. Overloading
- B. Orthogonality

C. Control statement

Page 16

- D. Case statement

Question No:278

(Marks:1)

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_____ may also change global variable as a side effect.

- A. dotime LISP iteration
- B. time LISP iteration
- C. list LISP iteration

D. dolist LISP iteration

Question No:279

(Marks:1)

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Simplicity is linked with which of following language base criteria:

- A. Orthogonality
- B. Readability**
- C. Writability
- D. Cost of language

Page 15

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