

Total Marks: 1

Space operator in SNOBOL is used for _____.

page 39 handouts

Select the correct option

☐	Concatenation
☐	Both Concatenation and Pattern matching
☐	Immediate Assignment
☐	Pattern matching

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Total Marks: 1

Variables in Prolog _____ that any value associated with it cannot change in the function.

Select the correct option

☐	Are loosely typed		A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922
☐	Are strongly typed		
☐	Have no concern with type binding		
☐	None of the given		

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Total Marks: 1

With programming in _____ we state what and not how.

Select the correct option



Fortran



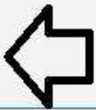
Algol



C#



Prolog



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Question # 1 of 50 (Start time: 03:14:14 PM, 28 November 2017)

Total Marks: 1

In _____ Boolean expression is convertible into integer type.

but check please
90% sure

Select the correct option

☐	C#	
☐	C++	
☐	Java	
☐	Ada	



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A/An _____ is a default mechanism for specifying types of variables.

book page 161

Select the correct option

☐	Explicit declaration	
☐	Implicit declaration	←
☐	Run time declaration	
☐	None of the given	

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All objects in Java are _____

Select the correct option

☐	Dynamic storage binding
☐	Stack dynamic storage binding
☐	Static storage binding
☐	Explicit heap dynamic

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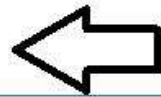
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Total Marks: 1

Dangling pointer errors in Java reduce the language _____

Select the correct option

☐	Efficiency
☐	Safety
☐	Robustness
☐	Security



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Total Marks: 1

Tag is present in _____ discriminated union type.

Select the correct option

☐	C/C++	
☐	Ada	↑
☐	Java	
☐	C#	

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Total Marks: 1

In Java the arithmetic expression evaluation order is always from _____

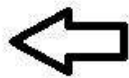
Select the correct option

☐ Right to Left

☐ Centre to right

☐ Left to right

☐ Centre to left



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Total Marks: 1

loop is different from ____ loop as the control expression can also be boolean

Select the correct option

☐	C#, C++
☐	C++, Java
☐	C, C++
☐	C++, C

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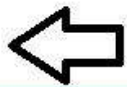
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Total Marks: 1

_____ has a pre-test version, but no post-test version of logically controlled loop

Select the correct option

☐	Java	/
☐	C	/
☐	C++	/
☒	Ada	/



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Total Marks: 1

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

Select the correct option

☐	C#	
☐	Java	
☐	C++	
☐	C	←

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In C programming language array is passed by _____.

Select the correct option

☐	Value	
☐	Reference	↑ □
☐	Pointer	
☐	Access method	

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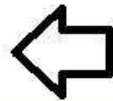
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Total Marks: 1

Java supports _____ programming paradigm

Select the correct option

☐	Functional	
☐	Imperative	
☐	Object Oriented	
☐	Logical	



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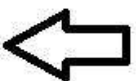
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Total Marks: 1

In ENIAC physical motion was eventually replaced by _____ signals

Select the correct option

☐	Logical	
☐	Analog	
☐	Electrical	 book
☐	Digital	

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Total Marks: 1

A predicate may have _____ or more arguments.

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Select the correct option

☐	Three	
☐	Zero	↑
☐	One	
☐	Two	

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Total Marks: 1

_____ generates readable code which is easy to maintain.

page 91

Select the correct option

☐	Clauses	
☐	Backtracking	⬅
☐	Inference mechanism	
☐	Facts	

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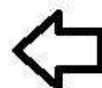
Total Marks: 1

C# was the first _____ language by Microsoft.

doubt

Select the correct option

☐	Mid stream	
☐	Main stream	
☐	Sub stream	
☐	Last stream	



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Which of following statements correctly declares a two-dimensional array in C#?

`int [ ][ ] A;`

// A is a two-dimensional array

page 95

Select the correct option



`int[ ][ ] myArray;`



`System.Array[2] myArray;`



`int[2] myArray;`



`int[, ] myArray;`

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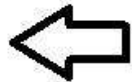
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Total Marks: 1

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

Select the correct option

☐	Define	///
☐	Declare	///
☐	Create	///
☐	Initialize	///



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Total Marks: 1

_____ is the correct size of a Decimal datatype.

float 4 byte
double 8 byte
decimal 16 byte
number system

Select the correct option



8 Bytes



4 Bytes



10 Bytes



16 Bytes



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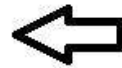
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In Ada all pointers are initialized to _____.

page 170

Select the correct option

☐	One
☐	Value
☐	Null
☐	Zero



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Which statement best suited for C programming language?

page 30

Select the correct option

☐	String manipulation language
☐	First language to provide exception handling
☐	With powerful set of operators but poor type checking
☐	Introduce the notion of class



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Variable name in SNOBOL may not be longer than _____.

BOOK

page 33

Select the correct option

- | | | |
|-----------------------|----------------|---|
| ☐ | 150 characters | |
| ☐ | 250 characters | |
| ☐ | 500 characters | |
| ☐ | 120 characters | ← |

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Total Marks: 1

Space is used as an operator in _____.

Select the correct option

☐	ADA
☐	ALOGOL
☐	SNOBOL
☐	PROLOG



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Total Marks: 1

(.)Dot operator is a _____ in SNOBOL.

check

Select the correct option



Reference pointer



Unary operator



Class pointer



Binary operator

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Total Marks: 1

A/An _____ is a sequence of ordered enumeration literals in Ada.

Select the correct option

☐	Struct type
☐	Enumeration type
☐	Enum data type
☐	Float data type

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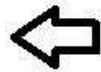
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Total Marks: 1

There is no automatic type conversion in _____.

Select the correct option

☐	C
☐	Both Java and C++
☐	Java
☐	C++



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Total Marks: 1

is/are a multi paradigm language/s.

check

Select the correct option

☐	C++	
☐	JAVA	
☐	C++ and JAVA	
☐	C and C++	

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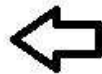
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Total Marks: 1

Automatic garbage collection in Java prevents _____.

Select the correct option

☐	Multithreading	/
☐	Exception handling	/
☐	Indirect referencing	/
☐	Dangling pointers	/



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Total Marks: 1

String identifier <<< is also called _____ in PHP.

hanouts page 131

Select the correct option



Sidentifier



Stringkey



Adoc



Heredoc



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An array in PHP is an ordered _____.

page 132

Select the correct option

☐	Map
☐	Tree
☐	Execution type
☐	Data structure

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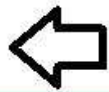
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Total Marks: 1

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

Select the correct option

☐	C/C++	
☐	Java	
☐	PHP	
☐	Java Script	



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Total Marks: 1

_____ operator is used to return a reference from a function in PHP.

Select the correct option

☐	&&	
☐	\$	
☒	&	
☐	Dot	

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Total Marks: 1

In JavaScript _____ operator is used for concatenation.

Select the correct option

☐	Dot (.)	
☐	Plus (+)	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP& CALL: 03087122922
☐		
☐	^	MADE BY HADI Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore) BITOUT SOFTWARE HOUSE LAHORE (WE DEAL ALL KIND OF VU PROJECT)

Total Marks: 1

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

Select the correct option

- | | | |
|-----------------------|--------|---|
| ☐ | 5-2 | |
| ☐ | 52 | |
| ☐ | "5"-2" | |
| ☐ | 3 | ↑ |

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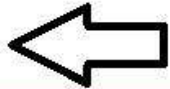
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Total Marks: 1

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

Select the correct option

☐	DOM		A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL-hadirajputofficial@gmail.com WHATSAPP& CALL-03087122922
☐	BOM		
☐	ROM		
☐	COM		

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Total Marks: 1

In JavaScript navigator is a _____ object.

Select the correct option

☐	Built-in	
☐	Browser	
☐	Document	
☐	User defined	

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Total Marks: 1

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

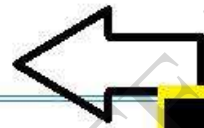
page 19

Select the correct option

☐	Numbers	
☐	Pointers	
☐	Arrays	
☐	References	

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Total Marks: 1

Sub ranges of integer types are not compatible with _____

handouts page
163

Select the correct option

☐	float types	
☐	char type	
☐	double types	
☐	integer types	



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Current cs508 Final Term paper Made and solved by hadi

Question No: 41 (Marks: 3)

How is **Dynamic Binding** in Java different from C++?

Question No: 42 (Marks: 3)

Name any three application areas where '**PROLOG**' language is suitable.

Question No: 43 (Marks: 3)

Why we have to use the keyword **override** in derived class with a virtual method of base class in C#?

Question No: 44 (Marks: 3)

If you had the following record type of ADA:

```
type Complex is record
```

```
    Real_Part, Imaginary_Part : Float := 0.0;
```

```
end record;
```

and you declared the following type:

```
W: Complex;
```

How would you set W's **Real_Part** to 4?

Question No: 45 (Marks: 3)

For a strongly typed language which two conditions a language should satisfy?

Question No: 46 (Marks: 5)

Suppose you are using a very powerful programming language like SNOBOL primarily oriented towards string data for writing software. Identify the operator used for string concatenation as well as for pattern matching in SNOBOL4? Give proper example to illustrate your

Question No: 47 (Marks: 5)

Explain the concept of immutable declaration in C#? Also explain how C# supports immutability?

Question No: 48 (Marks: 5)

Point out the design issues of counter controlled loops. Give suitable example.

Question No: 49 (Marks: 5)

Given the following set of Prolog clauses

```
father(X,Y) :- parent(X,Y), male(X).  
parent(sally,bob).  
parent(jim,bob).  
parent(alice,jane), parent(thomas,jane).  
male(bob).  
male(jim).  
male(thomas).  
female(sally).  
female(alice).
```

Write the output of each query.

Question No: 50 (Marks: 5)

Being a **Java** developer, write a code snippet to do type conversion from **double** data type to **int** data types. How information can be lost in this type of conversion?

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Note: subjective question also available in word file

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Best of luck!



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