

Past Papers Collected By Khan Afridi

Modern Programming Languages

1. what is the functionality of KEYWORD INT|CAHR IN snobol4 2

2. what is error in it >(sqrt x) in LISP 3

3. how many element in it (a (d e)) related to lisp 2

what is predicate in snobol ya lisp ma language conform ni ha 3

what is valid or invalid statment in ADA language 5

a=(1....5) integer

b=(1....5) integer

c,d=(1....5) float

condition

a=b

a=c

b=a

1) Which statement is true about SNOBOL?

Its developers are computer experts

Its developers have limited introduction with computer science

Is an example of aspect programming languages.

Have many data types

2) We may create our own exceptions in _____.

C

SNOBOL

C++

Ada

3) The first argument in LISP list is the _____

list

function

argument

atom

1-Name the famous two version of LISP programming:

Ans: 1) Schema 2) Common Lisp

2-Create a list in LISP of elements ABC and insert an element z.

KEEP ME IN YOUR PAYERS, PLEASE

Past Papers Collected By Khan Afridi

3-Answer with yes or no: (Prolog) Facts and rules were given.

4- Pattern Matching and string concatenation (Space). (SNOBOL)

Current paper

Why Ada does not use += and -= type of operators?

Question No:

Pattern matching is a powerful tool for syntax analysis in **SNOBOL**. Consider the following piece of code and identify if the pattern matching comes out to be success or failure justify your answer in either case.

FIRST = 'SUMMER'

SECOND = 'SUM'

FIRST SECOND

Question

Write a function in LISP that return the difference of the two lists L3 and L4.

Suppose you want to remove a certain property attribute named '**WEIGHT**' from the following list symbols in LISP:

>(symbol-plist 'a)

(WEIGHT 20 HEIGHT 8)

Which function will be used for this purpose give proper example to explain your answer?

Why Ada is considered to be a strongly typed language? Briefly explain.

Today is my papers.

1. Difference the car,cdr first and rest LISP function;
2. How many types of function are supported in SNOBOL 4?
3. Write the name of the operator which are avoidable in Ada but not in C/C++?

KEEP ME IN YOUR PAPER, PLEASE

Past Papers Collected By Khan Afridi

4. Write the small program in Ada print the BS-computer-sciences.?
5. Identify the list selector function used in LISP?

6. My yesterday paper
7. MCQS mostly are new one
8. write two point that differentiate the LISP language from other language. 2
9. Why we need single language Ada. 2
10. Set the value of variable a HEIGHT =12 and Weight=5. 3
11. What is difference b/w these two statements >(set-intersection L1 L2) and >(set-difference L1 L2) 5
12. aik question ADA main sy that bhol gya hon

13. my today paper 21 june 2015 12:30 pm
14. mcq were new from handouts 2 3 from past , 3 subjective Q were from past papers.
Q no 1 write the simple Ada program whether a number is event or not?
Q no 2 which data structre is more widely use in LISP pogramming.?
Qno 3 write the ada program of given arguments Use for loop and use Put() method except PUt_Line() and write NEW_Line for new line the arguments are given below
*
**

Q no 4 Set the value of variable a HEIGHT =12 and Weight=5.
Q no 5 dotime dolist men sy function tha koi ,
Q no 6 when Put_Line method is called in Ada does need to call New_Line method or not?
15. FORTRAN men sy mcq thy , Lisp men sy thy , ada men sy thy sonobol men sy thy , First program jis ny error door kiye kon sa tha ,readabilty men sy thy , lisp k function kon kon sy hn , etc
- 16.
17. best of luck

Midterm_Paper_Spring_2014

Question 1 (2 marks)

Whether polymorphism is allowed in Ada or not? Briefly state.

Question 2 (2 Marks)

How Bitwise Exclusive Or, and Not is represented in Ada?

Question 3 (3 Marks)

KEEP ME IN YOUR PAYERS, PLEASE

Past Papers Collected By Khan Afridi

Identify Local and Global variable

```
>(defun y-plus(x)(+x y))
```

Question 4 (3 Marks)

Why Ada does not use '=' operator for assignment like other language?

Question 5 (5 marks)

Briefly explain how LISP evaluates symbolic expression.

Question 6 (5 marks)

Program in Ada was given and we have to write its output.

my cs508 paper, mcq's were easy but concept based, most paper was from ADA and LISP,

1. code checking output of simple ADA program. 2marks
2. ADA case statements in ADA
3. write array in ADA using Days of a week as indexes, just like example given on page: 51
4. what is the role of atom in LISP.
5. code written in ADA (procedure), we had to tell the output. 5marks
6. some statements were given, we had to define prolog facts about them 5marks

1) write three concepts which are introduced in LISP first time

2) Ada is strongly typed language describe how?

3) write a function in LISP to concatenate two lists List a=(3 4 5) List b=(c d 6)

4) type big is mod 8

big :Big :=3; this code will generate an error in ada ?

5) In C++ ^ and ~ are used for bitwise exclusive OR and bitwise NOT write their equivalent in ada

2 questions of marks 2, 3 and 5

20 MCQS

Total: 40 Marks

Dear fellows, the most easiest paper ever. But I lack things because I didn't pay proper attention. I found this course Great, Lecture Handouts are helpful, even Video lectures delivered are also good. I missed but In Shaa Allah I will and I hope every student of this course can score good

KEEP ME IN YOUR PRAYERS, PLEASE

Past Papers Collected By Khan Afridi

marks easily. What you need to do is pay bit attention but it will give more good grades then other courses.

Thanks,

Marks5:

1. Write Output of the code following code.

Procedure Color is

```
Color= BasicColor(Red, green, blue, yellow)
```

```
begin BasicColor
```

```
Color:=BasicColor'PRED(RED)
```

```
end color
```

(It is not exact but code was like this. i am not good at ADA, have been forgot)

2. What code in LISP language used to computer power of x to y. [page 76]

Marks3:

1. Give any three major concept which introduced in LISP language for first time.

2. A code was given about ADA case concept. Please refer topic "Case statement" [Page 58]

Marks2:

1. How to type comment in PROLOG language.

2. How can we determining the size of Array in SNOBOL

MCQS all are easy. conceptual and mind storming based. student should listen lecture and read handouts. History questions and differences in between languages should conceptually build up in mind otherwise you would not score good grades.

16 mcqs

3 qs 2 marks

3 qs 2 marks

2 qs 5 marks

1)S=0

S=0

-- N=LT(N,13)N+1:F(DONE)

SUM=SUM+_N:(ADD)

KEEP ME IN YOUR PAYERS, PLEASE

Past Papers Collected By Khan Afridi

DONE OUTPUT=SUM

- 2)SYNTACALLY SHOW HOW CAN WE DEFINE THE LISP?
- 3)DEFERENTIATE BETWEEN TEH daa record type and c/c++??
- 4)define struct with the proper example
- 5)elemnet of lisp
- 6)is pholymorphism allowed in ada????
- 7)orthogonality???
- 8)algo main feature???

2 questions of 5 marks

1.write code in LISP to compute power of x to y page 76

2. Write maps data types in SNOBOL.

3 marks questions

write IO header file for Ada..

name functions that are used in List construction

2 marks questions

What are operators for Logical AND && and Logical OR || used in ADA.

features added in COBOL not included in SNOWBOL.

for MCQs you need to read the book some are from old papers too but for good marks reading is must.

Remember me in your Prayers

KEEP ME IN YOUR PAYERS, PLEASE