

CTS Sample Paper

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Company : CTS
Date :
College :

40 questions.

model 1:-model followed by 8 questions

L= List

A(L)=first element in the list L

B(L)=all elements other than first element.

M = merge the lists

example $M\{(a),(b,c)\}=(a,b,c)$

two functions P(L) and R(L) will be given.

$P(L) = ()$ if $L = ()$, that is no element in the list.

$P(L) = \{A(L), A(L)\}$ if L is not equal to () but $B(L) = ()$ that is the list has only one element.

similarly R(L) function will also be explained.

list assumed=(1,2,3,4)

P(L) will change the list to (1,,2,,3,,4,4,3,2,1)

other examples:-

if $L=(1,2,3)$

then $P(L) = (1,2,3,3,2,1)$

if $L=(a,b,c,d,e)$ then $P(L) = (a,b,c,d,e,e,d,c,b,a)$

MODEL 2:-

This model will have say a set of 5 numbers say (15,22,25,5,17).these numbers r called as bricks.

A number called target number will be given.

You have to manipulate any 4 numbers using the operators + - * / () any no. of times to get the target number.

Model 3:- verbal questions

You have to find out the correct English word from it and then find out the synonym or antonym as required in the question.

Example:-

1.shore

answer:- correct formation:- horse

choice given for synonym:- Trojan horse
dutch courage
fruedian slip.

HR QUESTIONS

1.tell me abt urself

2.why cts?

3.what will u like to be aftr say 10 yrs from now?

4.will u do MBA?(CTS OFFERS ONLY MS PROGRAMMES NOT MBA!)

5.if you are not selected now what will you do?

6.why you were not placed in the software companies that visited before us?