CSC PREPARATION GUIDE - 1

Hi Friends,

This s Kaarthik kumar from Hindusthan College of Engineering & Technology, Coimbatore. This CSC preparation guide is more than enough to get into CSC. If not possible to go thru d entire page, **ATLEAST GO THRU D TECHNICAL WRITTTEN SECTION!**

CSC has got **5 rounds** to go through

· **Aptitude written**

· **Technical Written & Essay**

· **GD/JAM**

· **Technical HR**

· **Personal HR**

CSC ROUND1: **APTITUDE**

R.s AGGARWAL Book is more than enough to clear this round. So keep practicing mainly on following areas

- Averages &Percentages

- Profit & loss

- Ratios & Ages

- Time & Distance

- Probability n combinations

- Analogies

- Sudoku type

TEST-1

1)There are 3 piles of books on the table you need to arrange them in the self such that 1st book of each pile gets placed on the self,what is the possible no of arrangements:
a)12!   b)12C3 * 9C4 c)12^12 d)none

2)Price of a book increases 15% successively (2times) what is the new price of the book more compared to that of the old price:
a)32.25%   b)23.34%   c)36%   d)39%

3)There are 3 mixtures when mixed in the ratio of 3:4:5 price was 240.When mixed with 6:4:9 price was 340.what's the price when mixed in 5:6:8 ration price is_____

4)One question based on Venn Diagram.75 total no of students.25 don't know typing,50 know shorthand.then question were based on find no of students dont knwing both etc.

5)One person has 2 child.At least one of them was a girl.Then the Probability that 2 of the are girl is_____

a)1/2   b)1/4   c)0.36   d)1

6)Swati when get married to jayanta her age was 3/4 th of her husband's age.After 12 years her age became 5/6 th of her husband's age.Then what's the age of swati when she got married??

7)y=MAX((3x+y),(11x-y))
then what's the value of y???

8)some passages were there based on illegal drugs smuggling and based on this some questions.

9)Some Analogy Questions: some i do remeber like SYCOPHANTIC: FLATTER SILENT: QUIET others i dont remember.

10)Some questions based on
if f(x,0)=x+1
f(o,y)=y
f(x,y)=f(f(x,0),f(2*x-1))

then find f(1,1),f(2,3),f(3,0) etc and some relations based on this very easy
11)One question based on the average speed
12)one question based on Sudoku type very easy,u can do it in one attempt

TEST-2

1. Sudoku. you need to fill-up the table using the hint(addition of row, column, diagonal =15) and available cell values. its easy. if you figure it out, you can answer(very easy)
five questions correctly.
2.If y=MAX((3x+y),(11x-y)) then what's the value of y?
3.1 Que. on book arrangement. if u find out the series you can ans five ques. correctly.
4.2 Ques. on Probability, ages
5. Ages
6. Venn diagram --> Out of 100 students, 45 do not know typing, 60 know shorthand. 25 know both 6 do not know anything then find out haw many know both?
7. if f(y,0)=y+1, f(o,x)=x; f(y,x)=f(f(y,0),f(2*y-1)) then find f(1,1),f(2,3),f(3,0); 3 question based on this. Its very very simple...
8. 1 Ques on Percentage : Price of a book increases 15% successively (2times) what is the new price of the book more compared to that of the old price:
   a)32.25%   b)23.34%   c)36%   d)39%
9. 2 Questions based on Time and speed.
10. Passage and questions...
11.question on synonyms and antonyms

TEST-3

3 ques on time speed distance....there are 2 stataions A nd B....the distance between them is 150 km....slow train covers dat distance in 2.5 hrs nd fast train in 1.5 hrs....now slow train leaves station A half an hourbefor fast train....after wat time wud dey meet....nd at wat distance from(language was different) there was

1 ques on profit....calculate d CP of 1 hen nd den SP of 1 hen after dat profit on 1 hen....den an amount of profit was given u hd 2 calculate d no. of hens dat give dat amount of profit

2 ques on jumbled up sentences u hd to form a meaningful paragraph out of dem

3 ques on a paragraph...dere r 4 ppl, 1 is a dancer 1 is a painter 1 is a writer nd 1 is a singer....u hd 2

indentify which is a dancer which a singer.....

2 ques on...dere r 3 frens nd dey hv sum marbles wid dem...now x gives to y nd z amount of marbles

which dey already hv...nd den z gives 2 x nd y amount of marbles which dey already hv...now dey

hv equal no. of marbles...also total no. of marbles was given...u hv 2 make equations nd solve dis ques

TEST-4

1. A 3*3 blck is given and should be filled frm 1...9 they gave 3 numbers nd when coundted horizontally,vertically and diagnally they should sum 15. they gave nearly 7 questions on this blk really easy if u practice sudoku.

2. If x,y are 2 positive integers and they are derived as follows:
$f(0,y)=y+1$.
$f(x,0)=x$
$f(x,y)=f(x-1,f(0,y-1))$
$f(0,0)=1$
then wats the value of $f(3,0),f(1,2)$ etc nd hw $f(1,2)$ can be derived in terms $f(0,0),f(0,2),f(3,0)$
there 5 questions relating to this.
3. 1question on ages i dont properly remember the questions
4.7 questions on anlogy,fill in the blanks
5.deriving conclusions 10 questions

TEST-5

apti/quant/logical
it was a very tough test i hav given test of 6-7 companies but csc test was toughest
ther vr linear equations questions wich vr not at all easy
questions on sets
-permutaion combination
-arrangement logical ques
- distance speed ques
- time question

-ques like 90% of 1 litree milk and 60% of 40 litre water result in 67% mixture so wht is compostion of milk in litres?

-ques like f has pririty over h and g has priortiy over i so now 4-5 ques based on this

-length is increased by 5 and breadth is decreased ny 10 thn total is 200m and whn length decreasd by 5 and breadth increasd by 15 thn total is 75 m, fing length

-a>b>c so wich is tru
ab>ac or a/b>b/c or som more options

-6 girls and 6 boys, all boys and all girls will sit together so no of possible ways

- cow is tied with rope from two sides 40 40 cm and forming an angle 24degree size of rope is 15cm so how much area in wich cow can graze

-7 orange and 5 apples cost 16.90 rs and 5 oranges and 7 apples cost 2.60 so no of oranges

-ther is a place wher ppl r either no or yes. if ram sain 2and 2 makes four thn he is yes and similarly if mohan said 2 -1 is 2 thn he is no. so now ques based on this

- paragraph given and u hav to conlude or find contradicting line

and rest all questions vr very tough so i dont remember thm at all