

CSC PAPER ON 14th JULY 2006 AT CSC NOIDA

friends , i m recently placed in CSC and i wana share questions wich i remember abt ppr, with u all

in written thy giv two tests:-

- 1) quant/aptitude/logical ppr 40ques in 40minutes
- 2) technical test 75question in 40min

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

APTITUDE/QUANT/LOGICAL TEST QUESTIONS

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

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

-length is increased by 5 and breadth is decreased by 10 thn total is 200m and whn length decreased by 5 and breadth increased by 15 thn total is 75 m, find length

- $a > b > c$ so wich is true

$ab > ac$ 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 said 2 and 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 conclude or find contradicting line

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

technical ques

- os
- dbms
- ds
- n/w
- microprocessor(806139...)
- java
- c c++

TECHNICAL WRITTEN TEST QUESTIONS

- what is piggybacking used for (acknowledgement)
- what combines router and bridge (hub/router)
- tcp/ip is what connection oriented or connectionless
- X.25 protocol is at which layer
- what is superkey (primarykey+attribute)
- which join will you use to have null values (outer)
- query was given find join type
select customer.id and order.id and name from customer, order
where customer.id= order.id (natural join)
- which follow binary tree property
- some code of java given find no of dangling pointers
- linked list a->b and b pt to itself so what type of linked list (infinite)
- which line is wrong about linked list
(circular list can be only implemented in doubly linked list)
- os question on context switch and system call
- microprocessor question like result of 2 input, 1 o/p line and three and gates is (nand)
- which gate need to combine with or gate to make nand gate
- transfer RO to local and local to RO and shift RO 3 times then local to RO so result is (RO=local)
- some instructions were given and you have to find resultant values of flags
- some instruction was given find output shift 2 times right to 80008ff
- atomicity definition was given and you have to tell which property it is (atomicity)
- questions were given fill in the blanks three places (placement, replacement, replacement) order was correct
- which normal form should be satisfied to have bcnf and one more condition was given
- some questions of physics given resistance and volts use so you have to tell output (low voltage or high voltage or??)
- which sort takes $O(n^2)$ time
quicksort
- some program given outer for loop from 1 to n and inner from 1 to k so time is $O(nk)$
- right output of preorder traversal some tree was given
- what are abstract data types
- what are steps of compiler (syntax, semantic,...)