Syntel Sample Paper

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Company	:	Syntel
Date	:	
College	:	

FLOW CHART:

1) Some flow chart is given. Five question on this flow chart.

     i.   Whether i will take the value 0

     ii.   Find value of i

     iii.   Find value of a

     iv.   Find value of j

Answers:

     i.   Yes

     ii.   -4

     iii.   13

     iv.   29

2) One more flow chart. Five questions

     i.   s value at 6th iteration

     ii.   value f3 when n=6

     iii.   f3 doesn't take which value

    iv.   When s=57 what is the value of f3

    v.   What is the value n when program terminates.

Answer

    i.   31

    ii.   34

    iii.   9

    iv.   89

    v.   11

Formulae involved in the flow chart:

$S = N2 - (N – 1)$

$F3 = F1 + F2$

$F1 = F2$

$F2 = F3$

mug this flow chart.. same flow chart came for us..it is very

difficult to remember the ques.. i am sorry that i cudnt able to

reproduce.. for the 3rd Section i remember few que:

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Section 3: 1- problem on tower of hanoi-- ans 7

 2 problem on fig. find the shaded area, square of size 14cm.. ans: 42

 3. problem on symmetric fig ;; ans less than the 1172 (check) .

 4. few questions on blood relationship.. (refer r.s. agrawal reasoning)

sample ques..man looking at photo tells that " the daughter of this person is the only son etc..." try to familiar on   this ..

5 . again ques on relationship..; 6 persons are   there A, B, C, D, E, F.

i) how many male: ans -4

ii)how many female- ans 2

iii) how D related to A; - similar   ques ..easy ..

6)u have the series of letters..need to find the odd one out..

tips: u identify the pattern all the choices follow the pattern except one..

eg: given words are say ..ABCD , JKLM, OPQR, UVWX, EGHI

in this the last set do not follow the pattern..

in case of ABCD- all are continious. JKLM , OPQR, UVWX..follow same all are continious ..

If u see the EGHI – this is not continious as EFGH shud me there..got it …

U have 4 ques on this..easy one..

6) u have to fill the missing letter in the series.. little bit

tough.. 4 ques..but easy..

7) u have 3 figure –based on the figures ques asked.. easy one..

eg: Fig Triangle means Strong

Fig Square means Tall

Fig Circle means Fair.

Ques asked is find the number that represents Strong Tall and Fair

persons.. easy one ..

So u have 3 ques on this pattern..

8) u have ques on flow chart..easy..very simple..

NOTE: they r looking for the toppers ..so if u r the topper than

no

probs. Mostly CGPA of 8 + is they expect. To shortlist.

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Pattern

3 sections

No Negative Marking

Section I - Verbal - 25 qns - 15 mins

Section II - Quantitative Aptitude - 30 qns - 45 mins

Section III - Logical Reasoning - 30 qns - 30 mins

Total 85qns - 90 Mins

Section - I - Verbal - 25 qns in 15 mins, refer Barron's GRE guide.

Synonyms

Analogies

Fill up the sentences

Find the Word that has to be replaced

Form a Sentence and find the last word

Section - II - Quantitative Aptitude 30 qns in 45mins - please refer Quantitative Aptitude by R.S.Agarwal to prepare.

few qns i remember are
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The highest Score in an innings was 3/11 of the total and the next highest was 3/11 of the reminder. If the scores differed by 9, find the total score.

a)   151   b) 161   c) 121   a   d) 101   e) 137

Ans: c

A boy was asked to multiply a certain number by 53. He multiplied it by 35 and got his answer less than the correct one by 1206. Find the number to be multiplied.

a)   37   b) 67   a   c) 87   d) 97   e) 107

   Ans: 67

A Problem like this not exactly the same but on same model.

If the manufacturer gains 10 %, the wholesale dealer 15 % and the retailer 25 % then the cost of Production of a table, if the retail price is Rs.1265

a) 632.50   b) 800   c) 814   d)   834.24

Ans: b

A trader marks his goods up by 50% and declares two successive discounts of 20% each. What is his overall gain?

a) 10% gain   b) 4% gain   c) 4% loss (A)   d) 10% loss   e) No loss No gain

Train Problems - 3 as finding speed of train, how many secs it will cross each other etc.

Age problems -3 , find mothers age,fathers age etc.

Statistics Problems(probability) as A-this much , B-This Much, A n B-this much and A u B - ?

Angle Problems which deals with triangle - 3 problems.

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Section III - Logical reasoning - 30 qns in 30 mins.

 Tower of Hanoi Problem - Ans : 7

 problem on fig. find the shaded area, square of size 14cm.. ans: 42

 problem on symmetric fig ;; ans less than the 1172(check) .

 Blood Relation Problems - 3
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 Then a passage is given on blood relation and 4 qns asked

 how many male: ans -4 and few etc.

 Find odd man out of the given series - 3 problems

 pretty simple put A-Z and number them 1-26 and then u can find easily odd man out.

 Find the missing letter - was a bit tough to establish relation - 3 problems

 u have 3 figure -based on the figures ques asked.. easy one..

 eg: Fig Triangle means Strong   Fig Square means Tall   Fig Circle means Fair.

 Ques asked is find the number that represents Strong Tall and Fair persons.. easy one ..

 ANs : 4

ANother question Women,Sub inspector,graduates - Ans: 3

An Flow Chart - GIven Units - 250

find final Value with formulae - (units*1.25) and few calculations like this Ans:506.25