Syntel Paper Pattern

Syntel Inc. is a globally reputed company. The company provides IT solutions and outsourcing services to many well known companies all over the globe. Syntel is headquartered in Mumbai. The company is well equipped with latest technological tools like ETL, OLAP and many higher end technologies.

The company recruits engineers from many colleges of our country. The selection procedure of the company is described below:

1) Written Test
2) Group Discussion
3) Technical & HR Interview.

1) Written test
It was conducted online. You have to solve 45 questions in 45 minutes. You can't go back to the previous question. If you don't know then guess the answer and go to next question. There is no negative marking. Initial questions were very time consuming puzzles. don't give extra time to any question. Follow the R. S. Agrawal Verbal and Nonverbal Reasoning. All Patterns of questions are given in this book.

2) Group discussion:
It is also an elimination round. Try to correlate topic with different issues. If they give topic "circle" then don't discuss circle. It is an abstract topic. You can talk about circle of friends and harmony. Show your general awareness don't sit idle. Be active in GD.

3) Technical & HR interview:
Interviewer aim is not finding very intelligent people. They are seeking people who are confident and know the basics of C/C++, DBMS, Java and mentioned subjects. If you are EC/ME student then also you should have knowledge of C/C++. They don't compromise with communication skills.

One god thing is that generally the written test does not have negative marking. The verbal questions can be prepared from any GRE guide book and for aptitude and reasoning any good book will do.

Syntel Placement Paper 2011 - Technical Questions & Aptitude Questions

1.Difference between Virtual and Abstract Method ?
2.What is Runtime Polymorphism ?
3. What is overriding?
4. What is the use of a private constructor?
5.What design patterns you used in the project ?
6.What is an interface ? Is there any relation between interface and performance?
7. What is an abstract class?
8. What is the difference between Dataset and Data Reader?
9. What is Command Builder?
10. What is the Difference between Application and Session?
11. How do you Host a Service?
12.What is a Cursor, How do you replace a Cursor ?
13.Whare are temp tables ?
14.What is Channel Factory ?
15.what is heap memory ?
16.write a program for Fibonacci series?
17.write a program for linked list?

Syntel HR Questions:

1.Tell me something about yourself?
2.Tell me about computers ?
3.What is frontend and backend?
4. Founder of Microsoft?
5. What are your strengths and weaknesses?
6. Who developed JAVA?
7. Why does u want to join Syntel?
8. Which type of movies do you like?
9. Why should I Hire u?

Syntel Model Placement Paper:

Synonyms
1.Abridge :
2.Abash :
3.Abase :
4.Aberration :
5.Abstract :

Analogies
1.intimidness: fear
2.crust: wave
3.assist: save
4.affirm: hint

Reasoning:
1. Odd man out : a)stem b) fruits c) flowers d) tree e) root
2. 9, ___, 15, 18, 21, 24
3. Seating arrangement(2 puzzles)

4. Books arrangement (puzzle)
5. Flowchart
6. If 3rd day of a month is Monday. Then what is the 5th day after 21st of that month?
7. Blood relation question

Aptitude Questions:

1. one pipe fills in 4 hrs and another in 5hrs when they both work alternately how much time will be taken to fill the tank.

2. LCM of 3 nos is 120 which of the following no must not be their HCF
a. 8 , b.24 c.12 d.24 and 30

3.two trains from the points A and B moving in opposite direction , at the point they meet the second train travels 120 kms more than the first. The speeds are 50kmph and 60kmph respectively find the distance between A and B?

4. One monkey climbs a poll at the rate of 6mts/min and fell down 3mts in the alternately. Length of the poll is 60 mts , how much time it will take to reach the top?
a. 31 b.33 c.37 d.40 (ans: 37)

5.a number when multiplied by 7/18 instead of 7/8 and got the result 770 less than the actual result , find the original number?

6. The volume and the radius of both cone and sphere are equal , then find the ratio of height of the cone to the diameter of the sphere?

7. A and B started a business with 1500 and 2500 and got a profit 800 rs. Half of the profit is shared equally the remaining is shared according to their investment. Find their profits.

8. The difference between the simple interest and compound interest for 2 years?
A:B =2:3 and B:C=5:6 then find A:B:C

9. an amount of 64 Rs has to become 125 in 3 years in compound interest , find the rate of interest?

10. a similar to the above problem find the time(rate of interest is given)

11. the prime no., which is greater than 6 when divide by 6 will always gives the remainder
ans: 1 or 5

12.Length of a rectangle is increased by 50% and breadth is decreased by 25% what is the difference in the area

13. Mr X position in a class is 13th from first and 17th from last, and 8th from the first and 13th from last in passed candidates list, then how many candidates failed in the exam

14. Two successive discounts of 20% and 15% is equal to a net discount of ..

15. A two digit number is 4 times to its sum of digits , when 9 is added to the number, the digits will get reversed. Then what is that number?
Ans: 12

16. The length of the following rectangle is '4a' and its breadth is '2a'. Radius of the two circles is 'a'. Then find the ratio of total area of the rectangle to the area not covered by the two circles with in the rectangle

17. A person starts with the speed of u/1 kmph and returns with the speed of u/2 kmph, what is his average speed.

18. A cistern will be filled in 9 hrs, but becoz of an outlet it is filled in 10 hrs, if the cistern is filled, then how much time the outlet takes to empty the cistern.

19. In a right angled triangle ABC angle B = 90 , BM is the median to AC , then AB2 + BC2 (in terms of BM)

20. Three circles with same radius r are drawn with centres as three vertices of atriangle. What is the sum of areas of the intersections of these circles with the triangle.

21. X men work for X days to produce X products, then Y men can produce Y products in -- days.

22. The compound interest for first and second years is 200 and 220 on a certain amount. Find the sum.

23. Marked price of a commodity is 35% above the cost price. If he gives a discount of 15%, how much he gains on the deal.

24. 5 mangoes + 4 oranges = 7 mangoes + 1 orange. Find the ratio of mango to orange.

25. A man starts a work, after some time some one joins him..like this

26. Food is sufficient for 100men for 60days. For how many days the food is sufficient for 500men?

27. If 8men 8hrs per day works for 8days get 45/- then how many men required if the work is 5hrs per day for10days they get 60/-?

28. A person sold an item at a profit of 12% .If he sold it at a loss of 12% then he would get Rs.6/- less. What is the cost price?

29. (1 1/2 /((3/4-2/5)/(2/3+4/5))) * ((2 3/4 /((4/3-2/5)/(5/3+6/5))) (Numbers different)

30. Avg age of X number of adults in a class is 30yrs. If 12 new adults with avg age of 32 joined with them then the avg age increases by one. Find X?

31. A sphere of radius 2cms is dropped into a cylinder of radius 4 cms containing water upto certain level. The raise in the water level is (not sure)

32. .... find the average of reciprocals of x and y :

33. In a school there are 1000 students in the year 1999. The number of studentsincreased by 20% in the year 2000. And it is increased by 15% in the year 2001. But it is decreased by 18% in 2002. Then what is the strength in 2002.

All the best guys!

Syntel Paper : Aptitude - General

Today is 15th January,2011 (Saturday).Today, I gave the aptitude examination of Syntel.Our reporting time is on 8am.A online aptitude examination conducted at our college.A 45 minutes of exam which contain 45 question and each question contain 1 mark.I remembered few questions.One thing, you have to remember that there is no negative marking and if you skip any of the question to do in later period,you cant do that.So, be careful about that.Once you skip the previous page,it cant be done later.

1. DESIM is coded as CAMEL,then TIGER is coded as "_____"?

2.COLOUR is coded as OCOLURL,then SPECTRUM is coded as "_____"?
Ans: PSCERTMU

3.Three dog Roxy,Tiger,Jack.They want to be a friend of 2 cat named Sally and Billy.Among the 3 dog,one dog failed to make a fiend.Sally and Billy succed to make a friend.Then, Tiger succeed to make friend with?

4.A's father has a mother K and K's husband is T and T's brother is M and M's grandson is S.Then what is the relation of A and S?

5.4,8,5,7,6,_?,_?

6.5,10,17,26,37,50,_?

7.(A direction question,but cant remember the exact question) Africa is north of Atlanta,greenland is in the south of Africa,Aulica is in the east of Atlanta and in the west of New Zeeland and Texus is in the South of New Zeeland.So,Africa is in which side of Texus?

8.In a job seekers line,every 3rd man is liar and every 4th man is a B.Tech holder.Then how many B.Tech holder are liar?

9.MARRIAGE is coded is AMRRAIEG,...then you have to find some thing code that I cant remember.

10.Some questions are from Logical Reasonig.

11.Some questions on probability.

12.Arrange the sentences A,B,C,D in a logical sequence to form a coherent paragraph.

A. It is because Japanese companies do not have to pay the consultancies' inflated fees the argument goes ,that companies have more money to devote to 'real' investment and because they are not tempted to follow the latest management fashions that they can develop a coherent ,long term strategy.

B. The average salary man,relaxing after a ten hour day over yakitori and sake, hardly Spends his time talking about Drucker –san and Peter-san .
C. It might seem far fetched to argue that Japan's post war growth has anything to do With management theory.
D.Critics of management theory happily point out that thirty years after arriving , Western consultancies are still to make ends meet ,and that Japan has few business Schools ,none of them very prestigious.

Options: 1. CADB 2. CBDA 3. DBAC 4. DBCA
(2-3 this type of question)
14.Odd man series out question.
I cant remember the other question.

I prefer to practice more on LOGICAL REASONING and ENGLISH part for Syntel.

Best of Luck.

Syntel Paper : Whole Testpaper at Great Noida - 12 November 2010

Syntel - Reasoning

1) (Last question and the easiest) a simple flowchart whose steps are as follows. value of r and h are given, a and b=0 m=pi*r*r*h n=(pi*r*r*h)/3 if (m==n) do ------else b=4*pi*r*h print a and b
[Don't remember if condition is m==n or m

2) (Second last question this was also easy) it was about a set of people talking 4 languages and then questions were about who could act as a translator to whom?

3) There were 3 questions based on an argument given questions were to find out which statement in the
objectives given could strengthen the argument or to weaken the argument. (Bit confusing)

4) Blood relationship question (I remember all the statements given, though not the question) 10 people in a family A B C are husbands D E F are wives altogether there are only 4 women. Each family can have almost 2
children and C has at least 1 child. D and G are related to A. E

cannot be related to H and I and J are not related.

5) (This consists of the most confusing set of questions)
a set of statements are given and then questions were asked, the statements were like
All A B C D E F are Q's
All A's are B's
(better leave this question for the last)

6) Alice works on Monday, Wednesday and Friday
B does not work on Wed
C works only on Tuesday and some other day(don't remember)
D does not work on Friday
E works on all days except on the first Monday and Thursday

Then questions like who all will be available on which days.

Syntel – Selection procedure:

There are 3 processes
1. Written Test
2. Group discussion and
3. Technical and HR interview

Test Pattern
Number of questions: 45
Time duration: 45 Minutes
No Negative mark
Test Type: On line

Areas to concentrate
Number series
Blood Relation
Direction sense
Coding and decoding
Arrangement questions (Seating Arrangement)
Verbal ability
Reading comprehension
Sentence error correction
Correct spelling
Candidate Experience
Whole test paper
45 questions-45 minutes