CAPGEMINI PAPER ON 25th JULY 2006 AT ORIENTAL GROUP OF INSTITUTE BHOPAL, MADHYA PRADESH

Written Test

There were 3 sections :-

(1)   Quantitative 25 questions.

(2)   Analytical   30 questions

(3)   Verbal   25 questions.

There were 2 set of test paper. I got II set . There was section cut off of 15,18 and 15 in each section.

They began by their presentation which was hour long. I suggest you to keep paying attention during the presentation, it's gonna help you in HR time.

Test Details :

Student appeared :- 150 (Exact)

Short listed from written : 30% (Approx)

Selected finally : 30% of short listed

Quantitive Section (Maths)

Q1.   Find the nest term in series ?

25   16 9 4 1 0 ?

Ans. $(-1)^2 = 1$

Q2.   If (NM)2= RRM where N.M & R are distinct digits. Then possible values for R are

(a) 1   (b) 2   (c) 3   (d) none of these

Ans (b) -2

Q3.   A man buys spirit at Rs. 60 per letter, adds water to it and then sells it at Rs. 75 per litter. What is the ratio of spirit to water if his profit in the feal is 37.5%?

(a) 9:1   (b) 10:1 (c) 11:1 (d) None of these.
Ans (b) 10.1

Q4.   A certain quantity of petrol is found to be adulterated to the extent of 10%. What proportion of the adulterated petrol should be replaced with pure petrol to take the purity level to 98%?

(a) 80% (b) 32% (c) 66.67%   (d) cannot be determined.
Ans (a) 80%

Q5.   Two trains are traveling from point A to point B such that the speed of first train is 65 kmps and the speed of 2 train is 29 kmph. Where is the distance b/w A&B such that the slower train reached 5 hrs late compared to the faster.

Q6.   A motorboat whose speed is 15 kmph in still water goes 30 kmph downstream and comes back in a total of 4hrs 30min the speed of the stream in kmph is (5kmph).

Logical Reasoning Section

1.   There is a family of six persons P,Q,R,S,T and U.They are Lawyer, Doctor, Teacher, Salesman, Engineer and Accountant. There are two married couples in the family. S, the salesman is married to the Lady Teacher. The Doctor is married to the Lawyer U, The Accountant is the son of Q and brother of T. R, the Lawyer is the daughter-in-law of P. T is the unmarried Engineer. P is the Grandmother of U. Which is the profession of P?

  a)Lawyer   b)Teacher   c)Doctor   d)Accountant

Q:2   My mother gave me money to buy stamps of price 2paisa, 7 paisa,15 paisa, 10paisa and 20 paisa. I had to buy 5 each of three types and 6 each of the other 2 types . But on my way to the post office i forgot how many of stamps of each type were to be brought . My mother had given me rupees 3 . So i had no problem in finding out the exact amount of each one . Can you tell me which stamps were 5 in number , n whic were 6 in number

Ans . 5 stamps each of 2paisa, 7 paisa, 15 paisa

Q:3   A man traveled a certain distance at the rate of 15 miles an hour and came back at the rate of 10 miles an hour. What is his average speed ?

Ans . 12 miles an hour

Q. 4 Salad problem.. Four girls Robin, Mandy, Stacy, Erica of four families Miller, Jacob, Flure and Clark prepare four salads using the fruits Apples cherries bananas, grapes .Each girls uses 3 fruits in her salad. No body have the same combination.

1)Robin not a Miller girl uses apples.
2) Miller and Mandy uses apples and cherries.
3) Clark uses cherries and grapes but Flure uses only one of them.
4)Erica is not Clark nor Flure. htt

Then 4 questions asked.

1. Which is robins family:

      a. Miller   b. Jacob   c.Flure   d.Clark

2. Which fruit is not used by Mandy? aa

      a. Cherries
      b. Grapes
      c. Apples
      d. Bananas

3. Which is the combination by Erica?

a. Apples, cherries, Bananas
b. Apples, Cherries, Grapes
c. Apples, Grapes, Bananas
d. Cherries, Grapes, Bananas

4. Which is robin's fruit combination?

a. Apples, cherries, Bananas
b. Apples, Cherries, Grapes
c. Apples, Grapes, Bananas
d. Cherries, Grapes, Bananas

q5. Relation Related questions an blood relation.

q6. Conclusion of Sentences-Base question.

q7. Refer to the following data & Ans was the following questions.

S   L   I   D   E

(-)   D   E   A   N
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  3   6   5   1

each of 7 digits from 1,2,3,4,5,6 & 9 is represented by letter in the subtraction of problem above.

Q7. (a) Which letter is represented by the number 'â3â'

Ans : Solution:-

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        3     6     5     1

(+)     D     E     A     N
        ----------------------------------
        S     L     I     D     E
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It is given in the question that each of 7 digits 1,2,3,4,5, 6 & 9 is represented by a. Different letter in the above problem it is clear that 3+D+carry [If any] is equal to SL. But as it is clear that highest sum of there given no. can be (9+6+1)=16 so S = 1

Now it is also clear that D is either 6 or 9 but D cannot be 6, because in that case L, is equal to 0, which is not possible.

So D = 9

Now from that it is clear that L Letter is either 2 or 3 & A=4, It is also clear that E cannot be equal to 5,4,3,2,1

So E=6

Now we can help of above conclusions.

Ans. to question no.

(a)   = L
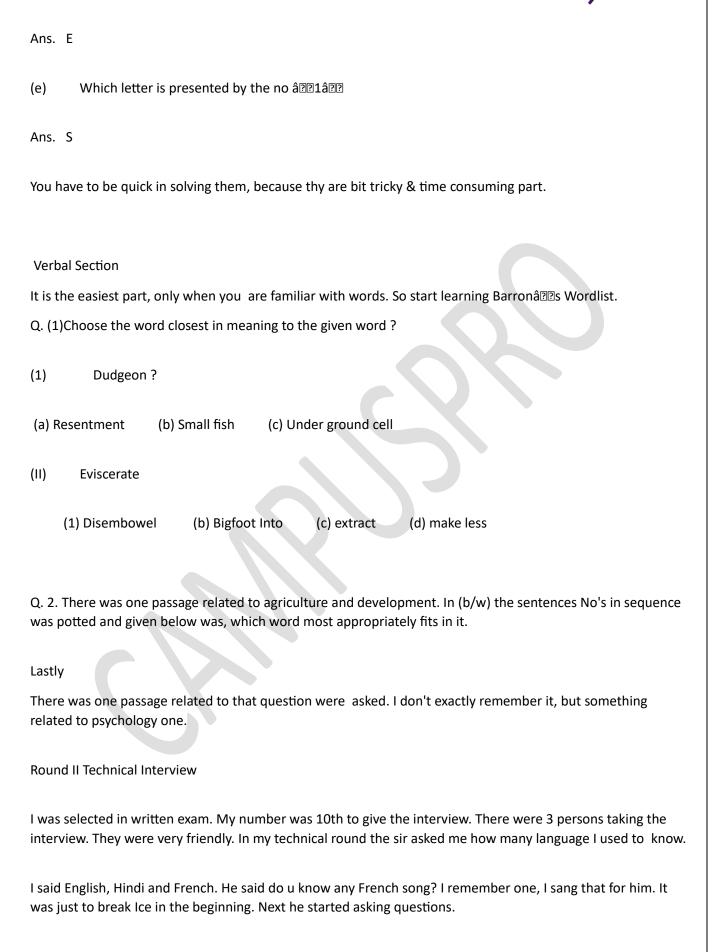
(b)   Which letter is represented by the no â5â ?

Ans   (b) N

(c)   Which no is presented by the letter âEâ ?

Ans. (d) 6

(d)   Which letter is presented by the no â6â

Ans. E

(e)   Which letter is presented by the no â1â

Ans. S

You have to be quick in solving them, because thy are bit tricky & time consuming part.

Verbal Section

It is the easiest part, only when you are familiar with words. So start learning Barronâs Wordlist.

Q. (1)Choose the word closest in meaning to the given word ?

(1)   Dudgeon ?

(a) Resentment   (b) Small fish   (c) Under ground cell

(II)   Eviscerate

    (1) Disembowel   (b) Bigfoot Into   (c) extract   (d) make less

Q. 2. There was one passage related to agriculture and development. In (b/w) the sentences No's in sequence was potted and given below was, which word most appropriately fits in it.

Lastly

There was one passage related to that question were asked. I don't exactly remember it, but something related to psychology one.

Round II Technical Interview

I was selected in written exam. My number was 10th to give the interview. There were 3 persons taking the interview. They were very friendly. In my technical round the sir asked me how many language I used to know.

I said English, Hindi and French. He said do u know any French song? I remember one, I sang that for him. It was just to break Ice in the beginning. Next he started asking questions.

I was from computer science branch. So he asked me questions related to software engineering, data structure, operating system, C, C++ OOPS. Question asked where :-

Q1. What is class?

Q2. What is object ?

Q3. Make resource allocation graph for Deadlock.

Q4. Program for "For" loop.

Q5. Software development cycle -> explain it ?

Q6. What is encapsulation, friend function virtual function.

Q7. Pointers, Arrays, structure

Q8. Difference between C and C++

So, just relax and brush up your basic skills. They only look for your basic skill.

Round III HR Interview

Q1.   Tell me about yourself ?

Q2.   Your hobbies ?

Q3.   Where do you see yourself after 10 years.

Ans.: I said I can't imagine about 10 years, because conditions can change, but I have planned for next 5 years. I wanted to be the head of any project given.

Q4.   What is your expectation from us ?

Ans. : I said growth is my first priority as compared to money.

Q5.   Why should we take you ?

Q6.   Will you be comfortable working any where ?

Just be confident and most imp u should have good communication skill, all they look in you is these 2 qualities.

So 'Best of Luck', don't miss the chance it's good company with good package and good future opportunities to all.