INFOSYS PAPER(July 18, 2004)

1) A train goes from stations A to B. One day there is a technical problem at the very beginning of the journey & hence the train travels at 3/5 of it's original speed and so it arrives 2 hours late. Had the problem occured after 50 miles had been covered, the train would have arrived 40 min earlier(i.e., only 120-40 = 80 min late). What is the distance between the 2 stations?
 Ans:300 miles

2) My husband's age contains the same two digits as my age but in reverse order. The difference between our ages is 1/11 of their sum. Also, my husband is older than me. What are our ages?
Ans:54 and 45

3) There is a certain 5 digit no.
   a) it contains two primes.
   b) third digit is highest.
   c) second digit is lowest.
   d) fifth digit lies between first & second digits & is half of fourth
     digit.
   e) first digit is more than the sum of fourth & fifth digits.
   What is the no?
ans:71842

4) A solid cube whose external surface is painted red, is cut into 27 smaller cubes by 6 straight cuts. How many of these small cubes have:
   a) 3 red faces
   b) 2 red faces
   c) 1 red face
   d) no red faces
ans:8,12,6,1

5) A,B,C,D represent the digits 1,2,3,4 but not in the same order.
   a) if A is 1, B is not 3
   b) if B is not 2, D is 4
   c) if C is 3, D is not 2
   d) if C is not 2, D is 2
      What is the no.?
   (I'm not very sure of this qs. Wording & conditions may be   slightly different)

6) There is a tank which has 2 taps & a waste pipe. The two taps fill the tank individually in 10 min and quarter of an hour. The waste pipe empties the tank in 7.5

min. If both the taps as well as the waste pipe are kept open, when(if ever) will the tank fill ?
ans:30 mins

7) There are 2 cats of which at least 1 is male. What is the probability that both cats are male ?
ans:0.5

8) Some Men(M) & Women(W) were there at a party.
  a) M + W > 100
  b) W > M
  c) There were twice as many men as would have been women if Kaazi women had been men & if 1/3rd of the women had been absent.
  d) There were 11 more women than there would have been if 1/2 of   the men were women & .....
  Kaazi is the name for some numerical constant in some language. (like, for e.g., we say *chaar, paanch* for 4,5 resp. in Hindi)
  i) How much is Kaazi ?
  ii) How many men & women are there ?
 (Again, I'm not very sure abt the correctness of the last condition ; also, this problem was somewhat difficult. None of the students I talked to had solved it).

9) 5 people A,B,C,D,E are there. They speak English, Spanish, French,   Portugese, German, etc.
  a) A & B speak English but they switch over to Spanish when C joins   them as that is the only common languge between them.
  Around 4-5 such conditions are there. Then A,B,C,D each make around 3 statements each. You have to determine who speaks which language.

10) A said to B that "now you should have at least 30 clerks in your company"
    but B said that " if there are twice the number of the female clerks or thrice the number of the male clerks , the number will be 30"
we shall expect that number in another 2 or 3 years.
Find the total number of clerks
Ans:18(12 female and 6 male)

INFOSYS – 31ST OCTOBER , 2004

1. Andy, Brian, Cedric and Dave are Architect, Case Worker, Dentist and Barber, not necessarily in that order.

   (i)   At least one but not all, has an occupation that starts with the first letter of his name.
   (ii)   Architect's name doesn't contain an 'r'.
   (iii)   The barber and the dentist have exactly one letter in common.

   Find out occupation of Brian and Cedric.   **3 marks**

2. Mr. and Mrs.Ghosh have some children. Seven of them don't eat lettuce, five of them don't eat banana and six of them don't eat cabbage. Exactly two of them don't eat cabbage and lettuce, three of them don't eat banana and cabbage, and four of them don't eat lettuce and banana. One eats none of these. And there is no child who eats all of these.
   How many children are there?   **6 marks**

3. The evening before the night when the town clock was set one hour back, the following conversation took place.
   A - "When will we meet again?"
   B -"We will meet at the hour when the town clock takes exactly 10 secs to strike all the gongs.
   C – "Each gong strikes after 1 sec interval, isn't it?"
   D – "Oh, then it's easy to find out the time".

   At what time do A and B meet?   **3 marks**

4. A thief breaks into a diamond showroom. He decided to steal all the diamonds but was stopped by his conscience. He took half of the diamonds and two more before he left. Then a second thief enters and takes away half of the remaining diamonds and two more. Next a third thief comes and takes away half of the remaining diamonds and two more. Then a fourth thief comes and takes away half of the remaining diamonds and two more. When the fifth thief comes he finds no more diamonds.
   What was the original number of diamonds?   **4 marks**

5. An exact question as given below but with different names.
   (i)   Ashland is north of East Liverpool and west of Coshocton.
   (ii)   Bowling Green is north of Ashland and west of Fredericktown.
   (iii)   Dover is south and east of Ashland.
   (iv)   East Liverpool is north of Fredericktown and east of Dover.
   (v)   Fredericktown is north of Dover and west of Ashland.

(vi)   Coshocton is south of Fredericktown and west of Dover.
1.   Which of the towns mentioned is furthest to the northwest?
(a)Ashland
(b)Bowling Green
(c)Coshocton
(d)East Liverpool
(e)Fredericktown

2. Which of the following must be both north and east of Fredericktown?
(I)Ashland
(II)Coshocton
(III)East Liverpool

(a)I only
(b)II only
(c)III only
(d)I and II
(e)I and III

3. Which of the following must be situated both south and west of at least one other town?
(a)Ashland only
(b)Ashland and Fredericktown
(c)Dover and Fredericktown
(d)Dover, Coshocton and Fredericktown
(e) Dover, Coshocton and East Liverpool

4. Which of the following statements, if true,would make the information in the numbered statements more specific?
(a)Coshocton is north of Dover
(b)East Liverpool is north of dover
(c)Ashland is east of Bowling Green
(d)Coshocton is east of Fredericktown
(e)Bowling Green is north of Fredericktown.   **8 marks**

6. An old lady comes to a store and buys some shoe-strings. Then she buys four times as many pin packets. Next she buys eight times as many candies as shoe strings. Finally she pays Rs 3.40 for all the articles by giving as many paisa for each article as the total number of that type of article.
    How much did she pay for the candies?   **4 marks**

7. A free balance diagram was given with three unknown weights and the question was to find the unknown weights so that it becomes perfectly balanced.   **6 marks**

8. Write one digit on the LHS of 15 and one digit on the RHS of 15 so that the resulting 4-digit number is divisible by 15. How many such type of numbers can you write?

3 marks

9. Four ladies come to town .Each has different place to go. In this town the Shoe store remains closed every Monday , the Boutique remains closed every Tuesday, the grocery is closed every Thursday and the Bank remains open only on Monday, Wednesday and Friday. Everything is closed on Sunday. The ladies make the following statements.
A: "D and I wanted to go earlier in the week but there wasn't day when we could both take care of our errands."
B: "I did not want to come today but tomorrow I won't be able to do what I want to do."
C: "I could have gone yesterday or the day before just as well today."
D: "Either yesterday or tomorrow would have suited me."

Which place did each person visit?   **8 marks**

10. A:"D did it."
    B: "A did it."
    C: "I didn't do."
    D: "A lied when he said I did it."

Only one person spoke the truth. Who did it?   **4 marks**

31St OCT Infy paper DIFFERENT LOCATION

1) Repeated question Hardware store is closed only on Mondays, grocery is closed on tue, shoe shop is closed on Thursday, bank is open only on mon, wed and Friday. Each A B C D go to these places on one particular day ,based on the following statements made by them find who went where. **8 marks**
A: D & I wanted to go earlier in the week but we couldn't find a day where we could both go our places
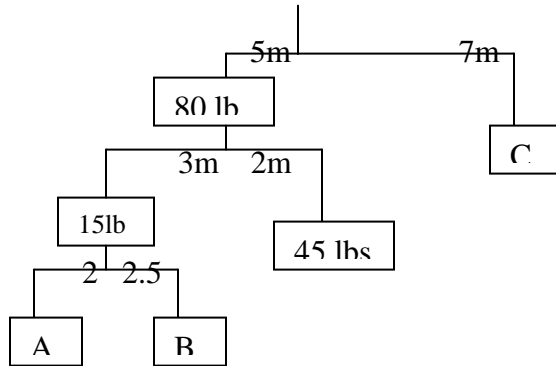B: I didn't wanna come 2day but tommorow I can't do what I wanted to

C: I could have gone yesterday or tommorow
D: I could have gone yesterday or the day before as well as today

Easy one they all meet on 2 days wed and Friday now use all conditions and eliminate the impossible day. Wed is the day. Now find who went where.

2) Find the weights A B C   **6 marks**
    Easy but little tricky

The weight balances exactly find A B C

3) One of four people killed somebody. Find the culprit based on the arguments of the four

Joe : "Jack did it"
Jack: "Gail did it"
 Sally: "I didn't do it"
Gail : With a very innocent voice, "jack lied when he said that I did it."

4) five thiefs went to a house to steal some gold coins. The first sole 1/2 of the gold coins and took 2 more. The second took half the remaining and two more. Like this third, fourth and when the fifth came no coins were remaining. Find total number of coins originally present. **5 marks**

5) One problem like fulgunj is south of amargunj, balgunj is north of fulgunj but west of sil gunj, like this some 8-10 confusing statements and then 4 questions,this was time taking and tough. I think u will get this sum in barrons GRE old edition. **8 marks**

6) Mr Sanyal had to take an appointment from Dr Mathur for the next morning. He called the doctor when the clock struck 10 times, Mr sanyals clock strikes every second. The Dr said come after 11 hrs. Find the time when sanyal went to the doctor. **4 marks**

7) Put one digit before 15 and one digit after 15 and find out how many such numbers are divisible by 15. **3 marks**

8) A summers type problem, four ppl u have to match their professions, easy one.\
    4 marks

9) Mrs Dasgupta went to the market and bought some shoes, four times as many socks and 8 times as many ties as shoes.The total money she spent was Rs3.24. Find how many socks she bought if the price of each item was equal to the number of items of that kind she bought. **6 marks**

10) Can't recall one question, something but the answer was 10

Infy paper 20th October,2004

Question: Puzzles-[*answers at the end of this mail]*

1)   This was a simple question about a running race. *I couldn't recollect the correct question............*Samantha beat Jack..........Jim was forwaded by jack and Tom and so on.......Jack was not the last to reach.........Jim was not the first.....Who won the race??

 2)   John was asked to meet a lady who had a good logic skill. Today is Friday. She asked John to meet her two days after the day before day after tomorrow..Which day should John meet her?

3)   A boy, Samer usually walks from his house to his school daily.About one fourth of the total distance, he reaches the thermal station and about one third of his journey, he reaches the Railway station. He usually reaches thermalstation by 7.30am and also reaches Railway station by 7.30am. Find out the time at which he had started from his house? Find also when he reaches his school?

4)   *This was a question from George Summers, a bit long question, but simple.It was about a jem merchant who exhibits his precious jems in an exhibition. He has 7 j*ems with him(say **D**iamond, **E**marald, **A, O, R**uby,**G & S**apphire)**.**He usually shows either through LEFT window or thorugh RIGHT window. At a time, he show only 3 jems out of the 7 he had......................*Then some conditions were give such as*
>   (i) **A** should be shown only through left window only.
>   (ii) **D**iamond should be shown only through right window only.
>   (iii) **E** and **S**apphire should be together shown.
>   (iv) **R** should not shown in the same window with **O** or **G. ....etc.**
> *Then four questions were asked*
>   [A] Which among the following sets are possibly shown through left window?
>   *Four options were given. For example:* {a} **A, D, G**   {b} **D, O, R** {c} **A , G, R** {d} **A, S, E.**
>   [B] Which among the following sets are possibly shown through right window?
>   *Similar way, four options were given.*
>   *Other 2 question were in the similar pattern. I couldn't recollect it correctly.*

5) Boss spent one sixth of his age studying in his school;one twelfth of his age in working as carpendar. and (one seventh+5 years) at an industry, mean while,i.e, it is at this time, Jack was born. Jack went up and it was four years ago, Jack was half the age of Boss from this year.   Find the present age of Boss?

6) I didn't solve this question, The question was as follows.......................There was some men and women dancing in a party..........Each men has three women around him.......Each two

women has a pair of men on their sides.....(*I am not sure about the conditions. So better refer anywhere)*.........Each men has two women in common..........Find the no.of people in the party?

___

7)   This question was from previous papers..........Quite simple...............A cube has its 6 faces painted red. It is cut by 6 straight lines into 27 smaller cubes. Find how many smaller cubes are there having:
     (i) 3 faces painted red.
     (ii) 2faces painted red.
     (iii) 1 face painted red.
     (iv) 0 faces painted red???

___

8)   This was also a running race question consists of 3 children..................'B' rushed to his mother and whispered   breathlessly,"Ma, we had a race starting from the main point"
     Mother asked" Who won the race?"
     But B replie that"I won't tell you, i will give u one condition and you should find out who won the race,OK"
     Then he told the condition as" Anny took twenty-eight steps to complete;Doug took twenty-four steps and I took twenty-one   steps to complete the race.............Also I took six steps per run, Doug took seven steps per run and Anny took eight steps   per run."
Who won the race???

___

9)   This question was to also easy.Some children were going for a ride in a "Merry-go-round" rider in an amuzement park.Among the Bretty told that"Sum of One-third of the guys in front of me and three-quarter of the guys behind me equals to the total no.of children in the ride. Can anybody find out the total no. of students in the ride"

___

10)   This question was something similar to the one which I have given below, I got this from some previous paper. But in the question, the sentences were different and we had to find out the tribes i.e. Nororrean, Sororrean, or Midrorrean. But it was very similar……….   (8Marks)

          Following are the statements of three of the participants in a race. One among them is the winner of the race. One of them is a Sororrean, who always tells the truth, one of them is a Nororrean, who always lies, & the third one is Midrorrean, who lies alternately. You have to find who is Sororrean, who is Nororrean, & who is Miderorrean.

A: i) C obstructed my way, & hence I lost.
    ii) C always tells the truth.
    iii) C won the race.

B: i) C is not a Nororrean.
    ii) A won the race.

C: i) B won the race.

   ii) I didn't obstruct the way of A, because of which he lost.

Answers:

1) Samantha   2)Monday   3)From House-7.15am and at School-8.15am
4)Don't rememeber   5)I think its 84(not sure)............
6) I don't know   7) 8,12,6,1 respectively(i.e,8+12+6+1=27)
8) DOUG wins the race.
   Solution key: (Anny steps=8,16,24,28) --finish 28 by 3&half full steps
                    (Doug steps=7,14,21,24.5)--Finish before 3&half full steps
                    (B   steps=6,12,18,21)--finish by 3&half full steps.
9) 13
   Solution:Consider there are "x" children in the ride. No.of children in
front=No.of children behind=(x-1), since this is a round ride.
   1/3(x-1) + 3/4(x-1) = x..........So x=13.
10)ANS : A:Nororrean,
         B:Sororrean,
         C:Midrorrean.

 INTERVIEW QUESTIONS:

Here I am giving all the questions asked to almost all the students in our college. Here i
give only puzzles.
1) Make 100 from seven 3's?
   Three solution are now known   a)333/3 - 33/3   b)33*3+(3/3)+3-3
c)(33/3)*3*3+(3/3)

2) A 20litre bucket full of water is given.A 5litre and 3litre empty vessels are given.We
should measure 4 litres..*No water should be spilled out?*

3) How to distinguish between a same dimensions rectangular iron bar and bar magnet?

4) 5 uses of stapler other than stapling and plucking out the pins?.......ans.i)paper weight
ii) hand exercise iii)click music ....

5(similarly 5 uses of a string of wire?

6)To find the hieght of a room. You are standing at centre of the room and a bulb is suspended from the top which just touches your head??????????Ans; find time period of oscillation using simple pendulum equation+stop watch. Hence find L & add to your height to get the total height.......

Placement paper

Company name: INFOSYS TECHNOLOGIES LTD.
Date of test: 20/10/2004
Type: Open campus for final yr students
Venue: University Institute of Technology, BU, Bhopal.

Q1. In a skating competition at lunch break, Samantha beats Jim; Dennis was beaten by Jack and Lousie in that order; Jim never comes first; Jim beats Jack.
Tell who came first?

Q2. Today is Friday, and I have to meet Sally. She said "meet me two days after the day before the day after tomorrow" Which day did Sally implied?

Q3. When a boy goes to his school from his home, at $1/3^{rd}$ distance from home he reaches to a machine and tractor station, and at ¾ th distance he reaches to a railroad station. At machine and tractor station clock he sees 7:30 and at railroad station clock he sees 7:35. At what time he leaves his house and what time reaches his school?

Q4. In a jewels shop there are two display cases: Left and Right one. Each case can have 3 out of 7 gems ___amethyst, diamond, ruby, emerald, sapphire, opal and garnet for display. The following conditions were given:
   (i.)   Amethyst must be included and displayed in left side window.
   (ii.) Diamond must be included and displayed in right side window.
   (iii.) Ruby can neither be displayed in same window with diamond nor can be with Garnet.
   (iv.) Emerald and Sapphire must be included and should be displayed in the same display window together.
Answer following questions
      1. Which three gems could be displayed in left display case? a,b,c,d,e
      2. Which three gems could be displayed in left display case? a,b,c,d,e
      3. If sapphire is in left case which of the following is possible for right case? A, b, c, d, e
      4. If sapphire is in right case which of the following is possible for left case? A, b, c, d, e
Here options were given but I can't recall them.

Q5. I lived 1/6th of my age as a boy in the country said the boss "1/12th of my age was spent in liquor business, 1/7th and 5 yrs in politics and matrimony till the time my son jimmy was born." My son jimmy received his alderman 4 yrs ago when he was ½ of my present age. What is my present age?

Q6. Some man and woman gathered for a party. In the party each man danced with 3 ladies and each lady danced with 3 men. Also each 2 men had 2 common partners how many people was present in the party?

Q7. All six faces of a large cube is colored in red color. This cube was divided by 6 lines in 27 small cubes. Tell the no. of cubes with
   (a) 3 side colored
   (b) 2 side colored
   (c) 1 side colored
   (d) No side colored

Q8. " We had a race to home" cried Jack to his mother. His mother asked, "Who won" Jack said, "the 28 steps Anne took was equal to the 24 steps Doug took which was equivalent to 21 steps of mine. I took 6 steps Doug took 7 steps and anne took 8 steps" So tell who won the race?

Q9. In a Merry go round mary said " there are 1/3rd of kids ahead me which when added to 3/4th kids behind me gives the no. of kids in the merry go round" how many kids were there?

Q10. There are three participants to a race- A, B, C. one of them belongs to the tribe of sonorean- who always tell truth, nonorean- Who always tell false, and midnorean who tells truth and false alternatively but not in that order. They made following statements Tell who belonged to which tribe?
A: 1. C crowded me at the turn of road so I couldn't get 1st.
   2. C always speaks truth
   3.
B: 1. A won the race
   2. C is not a nonorean.
C: 1. I didn't crowded at the turn of road, which caused A not to be 1st.
   2. B won the race.
The statements were something like these but I can't recall them all

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INTERVIEW QUESTIONS:

1>Tell me abt urself
   i told them everything abt myself. The technical skills as well as the soft skills i have.
2> U have written cricket as ur hobby, did u represent any team?
   In my hobby list i had written cricket, chess, listening to music n reading. when he took only cricket i came to know he is expecting the answers related to team. I told him i hav represented collg team.

3>so u r a batsmen or a bowler
 i told them i m an alrounder.
4>if u r given the captaincy of the team what will be the first thing u will be doing?
 i told them the first thing is understanding ur teammates. who is good at diff situations n what r their capacity
5>then what do u think is the reason for the dissmal performance of indian crkt team recently
6>if u r given the power to make only one change in the indian team what will it be?
7>Then abt my proj
8>how many member were there in ur project?
9>in the comp which u were doing the project how do u thk ur team was different frm others who were along with u?

Then he gave me a situation that,
10>Consider u r working in a team, n one of them is a traitor, then what will u do?
11>If he is very close to the boss, n u will loose ur job if u tell boss abt him then what will u do>

After this much, then came the puzzle time

12>There is a 5 litre can n 3 litre can and an unlimited supply of water, i want exactly 4 litres frm it, how will u do?
13>There is a triangle n at each end there is an ant. At some point of time they will start moving randomly. What is the probability that they will collide?

Infosys 3rd oct chennai Puzzles with Answers

1. There are 100 students.
There are 10 students doesn't register any of the course. Students register for chemistry only 75.physics only 83.so what's the no of students enrolled for both subjects?
Ans: 48 (3 marks)

2. There are 4 peoples. Tom hank, bill, Joe,;
They a play a tug of war game. Hank can alone beat bill and joe together.
Hank+bill can hold tom and joe (either pair couldn't beat the other one).
When bill and joe change the sides tom and joe won the game.
Arrange them in order by strongest ,next strongest and so on;
Ans: t>h>b>j (4 MARKS)

3. Ann, carol, eve are friends .Ann wearing blue if only eve wearing red.
Ann and carol can wear red but both not on the same day.
Carol and eve can wear blue but both not on the same day.
Find Ann dress color?
Ans: red (3 marks)

4. There are four persons named jack, brown, and smith, white.
They are sitting in a train in different compartments numbered as 1,2,3,4.
Out of these four, 2 are bank robbers.1 is a black mailer. One is a forger.
Statements given Jack is not a bank robber.
One of the bank robbers sitting in 4th compartment.
White is sitting in third.
Jack is sitting in the compartment no 2
Forger sitting in compartment one.
Smith had worked with one of the bank robber not with the other.
So find who is the forger?
Ans: smith (doubt!!!)(Jack-blackmailer, brown&white-bankrobbers)
(6 marks)

5. A said to B that "now you should have at least 30 clerks in your company"
But B said that "if there are twice the number of the female clerks or thrice the number of the male clerks , the number will be 30"
we shall expect that number in another 2 or 3 years.
Find the total number of clerks
Ans: 18(12 female and 6 male) (3 marks)

6.four family names are given clark ,flure,miller ,jac… and their members name are given Stacy ,robin,Erica,mandy . but not in order.(u hav to find which frend belongs to which family) Each friend prepares salad using 3 different fruits . they are given apple, cherry, grape, banana., no two friends uses the same combination.
Various conditions are given and 4 ques asked.
1. Robin is not belonging to miller family he used apples.
2. Erica is not a miller not a Clark.
3. Clark family used cherries and grapes but flure used one of these not both.
4. Mandy and miller used apples and cherries

1. Which fruit did Mandy didn't used?
2. What are the fruits used in miller salad?
3. Robin belongs to which family?
4. What r the Common fruits used in robin and Erica salads?
This is slightly tough.(8 marks)
.
7.A cow was standing on a bridge, 5feet away from the middle of the bridge. Suddenly a lightning express with 90 miles/hr was coming towards the bridge from nearest end of the cow.by seeeing this ,the cow ran towards the express and managed to escape when the train is one feet away from the bridge. if it would have ran to opposite direction(ie away from train) it would have been hit the train one ft away from the end of the bridge. Calculate the length of bridge.
(Sorry I don't know the Ans .i Didn't solve this)
(6 marks)

8.The boy turn the pages of a book.he completed all the pages.but he doesn't know the total pages.

He remember that he come across the number 3 in 61 times .
So what is total no of pages?
Ans:300(I got this, better check it)
(3,13,23,30,31,32,33,…,43,53,…130,131,132,133,…,293,300)
(3 marks)

9.Mr. ANYMAN left ANYTOWN by car to attend a wedding at ANYCITY. He had been driving for exactly two hours when the car got punctured. It took his driver exactly
ten minutes to change the wheel. In order to play safe they covered the remaining distance at a speed of 30 mph. consequently, Mr. ANYMAN was at wedding half an-
hour behind schedule. Had the car got the puncture only 30 miles later , I would have been only FIFTEEN minutes late he told the driver . How Far is ANYCITY
from ANYTOWN.
Ans:
120 miles
(6 marks)

10.There is a family called kolatun. The family members have a unique behavior .men always speak truth.But women alternatively speak truth and lies.that is if the 1st statement is true then 2nd is lie vice versa. The same is also applicable for boys and girls one stranger man (not belonging to kolatun family) asked kibi(child)
"are u a boy?"
the child replied, it's a kolatun .
Then the parents came. One of the parent said ,"kibi said, I am a boy".
Then other parent came and said that , "kibi is girl ,and she lied".
kibi is actually a boy or girl?
Which of the parent spoke first(father or mother)?

Ans :a. girl
b.mother
(8 marks)

English test
45 questions 30 minutes
1. Comprehension type (passage+6 questions)
2. Fill in the blanks
ex : there is a ------ in India that our epics are declining and our moral values are ------.
a. Feeling, normalizing
b. Opinion, disdain
3. fill in the blanks(suitable tense form)
ex:a wood cutter went to buy an axe. he _____ it.
a. will get
b.got
c. is getting
4. Choose the best sentence(analogy type)
ex:

They kept the plane in hangar.
They kept the plane in hanger.
Like this
Exalt, exult
Bated breath, baited breath
5. Find the sentence which contains error from the given 4 students.

Infy paper   Sep 12th ; Chennai

Questions:

1. A man starts his walking at 3PM from point A, he walks at
the rate of 4km/hr in plains and 3km/hr in hills to reach the
point B. During his return journey he walks at the rate of 6km/hr
in hills and 4km/hr in plains and reaches the point A at 9PM.What is the
distance between A and B?

Ans: 12km
Solution:
    T1+T2=6
     T1-time for forward journey,
     T2-time for return journey
  D1+D2=forward /return distance
 D1-distance in plains
 D2-distance in hills
 D1/4 +D2/3=T1 (forward time)
 D1/4 +D2/6=T2 (return time)
    Adding we will get D1+D2=**12 km**
----
2. A problem regarding no. of lodges and no. of men.

ANS: 6 men 4 lodges

3.A boy asks his father, " what is the age of grand father?". Father replied " He is x years
old in x^2 years", and also said, "we are talking about 20th century". what is the year of
birth of grand father?

Ans: 1892

Solution:

44*44=1936

therefore 44 years old in 1936 so year of birth=1936-44=**1892**

      (Every century has only one year which is a square number)

4.A boy travels in a scooter after covering $2/3^{rd}$ of the distance the wheel got punctured he covered the remaining distance by walk. Walking time is twice that of the time the boy's riding time. How many times the riding speed as that of the walking speed?

Ans: 4 times.

Solution:

    x-total distance to be traveled

     [2/3(x)]/a =T1 (a-ridding speed, T1-ridding time)

     [1/3(x)]/b =T2 (b-walking speed T2- walking time)

       T2=2T1

    Equating we will get a=**4**b

5.In a Knockout tournament 51 teams are participated, every team thrown out of the tournament if they lost twice. How many matches to be held to choose the winner?

Ans: 101 matches

Solution:

     2n-1=2(51)-1=102-1=**101**

6.A man sold 2 pens. Initial cost of each pen was Rs. 12. If he sell it together one at 25% profit and another 20% loss. Find the amount of loss or gain, if he sells them seperately.

Ans: 60 Paise loss

Solution:

  CP1= [1/(1+.25)]*12=Rs 9.60

  CP2= [1/]1-.20)]*12= Rs 15

   Selling together -CP1+CP2= Rs.24.60

   Selling seperately- 12+12 =Rs .24

   Loss=60 paise.

7.A Problem regarding who was the murderer…..

8.A passage about 4 cities and we have to find out the name of the cities.

9.Some names and some occupations, we have to match them on some given conditions.

10.A problem regarding who belongs to which group…..(Sorerean, Norerean, Morerean).

Dats all.

How to prepare for test:

After sending ur resume to freshers@infosys.com prepare slowly with **r.s agarwal book**.
Concentrate more on   time and distance, time and work, trains, pipes and cisterns,
numbers, ages, profit loss, mixtures.
Take shakunthala devi 1st book   and finish it and take 2nd book at this time take
summer's book side by side .it will be very difficult at the beginning but don give up ur
hope.,
We wont get the same questions (if we get it's our luck).we can get ideas from dat.
After getting call letter u must be very sincere in work,
 Revise all 1st and 2nd book, summers, u must do all side by side in a day, don take the
whole day for one thing.
 Before starting summers u go through the GRE **BARRONS**   reasoning it will b useful.
 Do the questions papers side by side, don go for the question papers 1st. do it at the last
of the day.
Previous day of the test, take a question paper and do it for 1 hr sincerely, it il be useful
for analyzing the time.

 About English part,

   All basic questions, but u have to strike them carefully this part also have cut off.
   Read any basic books for dat, its enough.

DON GIVE UP UR HOPE AT ANY COST

Infosys 8th August Hyderabad

(Answers may or may not be correct)

1)There are 3 types of apples in a box.If u had to get 3 different
apples from them. How many atleast should be picked up from them?

a)7

2)Some people are sitting around a round table.A person between them
says that "1/4 the people before me are equal to 3/4 th of them
behind me" .
How many people are there in total?

a)12 or 13

3)There are some cards which has colours on both the sides -
blue,yellow,red,green.
4 cards are laid before 4 people.
no card has same colour on its front and back.
each make a statement regarding the hidden colour.
Among them 2 are wrong.
(For statements chk the previous question papers-i don't remember)
Find out the hidden colurs.

4)A person A moves down 7 steps and sees that another person B is
Starting the steps from down.Every step of A is equal to 2 steps of B.
They both met after some steps.
A found that B has reached the last step.whereas A still has 4 steps
to go.Find the number of steps?

a)22

5)There are 70 married,75 have phones,80 has house and something like
that.(Question is incomplete)
Find how many are married?
This question is repeated in the previous papers also.

6)There is a person working in jewellery shop.
He has to place some jewelry in left and right diplay places.
7 types of stones are to be placed according to the following order.
A should be in the left display.
Diamond should be in the right display.
Emerald and sapphire should be together.
Ruby should not be with G.
G and opal should be together.
Some questions are asked based on these.
They are very easy to answer.

7)A school boy starts at a particular time from his house.After travelling fro 1/3 rd of the distance he is at the railway station at 7:25 and after travelling 3/4 th of the remainging distance he is at some other place at 7:30.Now at what time did he start from his house and at what time will he reach his school?

a)7:20 and 7:40

8)A man was saying about the ages of the people in his family.
His wife is twice the age of his.
His son is 5 times the age of his daughter.
His daughter is 5 times the age of his wife.
His mother who is celebrating her birthday is equal to the age of the person+his wife+his daughter+his son.
Now his mothers age is 81.
Find out his son's age?
a)5

9)There are some lodges.and some groups of men.
Each lodge is taken care by atleast 2 people.
Each pair of lodges have 1 person in common.
Some more conditions are there.
Find out how many men and lodges are there?

10)One more question which is confusing and i don't remember it.