**GUYS INFOSYS PATTERN**

apti-25 qstns-60mint

eng-40 qstns-35 mint

No -ve mark

In apti-

1 puzzle(5 qstns),1 graph(5 qstns),data sufficiency(5-6 qstns),1 qstns from probablty,1 qstns from crypt math WORLD+TRADE=CENTER

den what is d value of C+E+N+T+E+R?..,5 qstns from syllolism

In Eng-

2 paragraph(10 qstns),theme detection(6-7 qstns),error detection(6-7qstns),rearrangement(6-7qstns),choosing appropriate filler(6-7qstns)

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1 puzzle(5 qstns),1 graph(5 qstns),data sufficiency(5-6 qstns),1 qstns from probablty,1 qstns from crypt math WORLD+TRADE=CENTER  
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In Eng-   
2 paragraph(10 qstns),theme detection(6-7 qstns),error detection(6-7qstns),rearrangement(6-7qstns),choosing appropriate filler(6-7qstns)**

**1) 3 ,11, 31 ,69 ,131...... what is the 8th number??**

1^3+2,2^3+3,3^3+4,4^3+5........8^3+9

3,11,31,69,131,223,441,521

**ans=521**

2) **There are 7 man and 5 women sitting in a circle, find the all possible way so that two women wont sit together ?**

**Ans= 6!\*7p5**

**3). world+trade=center than find the value of c+e+n+t+e+r+?**

**Ans=27**  
**4) Find the 8th term of this series 4,8,14,22,32.**

**5). There are 6 boll in bag out of them 4 green and 2 red, randomly picked two boll one by one so find the probabilty atleast one picked boll will be red.**

**PROBABILITY=1-BOTH TIME GREEN BALL 1 TIME GREEN BALL=4/6(4 OUT OF 5) 2 TME GREEN BALL=3/5(3 OUT OF 5) 1-(4/6\*3/5) =1-2/5=3/5**

**ANS=3/5**

**6)How many 4 digit no can be formed if  
1)the no will be an even no  
2)dey must be divisible by 4  
3)no digit is repeated**

**Ans=1120**

**Explanation:** 04,08,12,16,20,24,28,32,36,40,44,48,52,56,60,64,68,72,76,80,84,88,92,96,00 but and condition is repetatn not is not allowed so u have to skip 00,44,88 from above list now as all number which are divisible by four is even number so u need not to think over it. now from above list 6 combinations are those where 0 is available now as repeatition is not allowed so at unit place u can put u can use 8 remaining digit and 10th place u can put any of 7 digit which u havent used 8\*7\*6(as 6 combinations are dere where 0 is available) in same way for those combination where 0 is not dere u can fill unit place by 7 ways(skip 0 and two which are in use at 100 and 1000 place)\*7(except those 3 which u have used at unit 100 and 1000 place) so 8\*7\*16(combinations)--> so finally 6\*8\*7+16\*7\*7=1120

**7)AFTER+TWO=YEARS what is the value of Y+E+A+R+S=??**

**Ans=13**

**8)** **find four digit number fromed given digits 1,2,3,4,5,5,6,6**  
 **ans= 6\*5\*4\*3=360**

**9)** **x^2-y^2= 16 and 2. xy=4 so find out x+y=? tell that both statement are required to find out the value of x+Y**  
  
**ans=only 1 STATEMENT IS REQUIRED.**

**10) A railway company have 3 routes. R1 R2 R3..... It releases 6 sets of tickets for 3 routes of 2 months jan n feb. tickets will be in yellow green red purple. .. Rules 1. R2 of jan must purple. 2. R3 of either jan or feb will be green , but not both. 3. Same route must not have same colour. 4. Same colour must not repeat in same month. 5. Feb must not have purple. ..... Based no this 5 questions like, choose d correct statement or choose d wrong statement.**

**11)**  find the possible distinct 4-digit no. from the number {1,2,3,4,5,5,6,6}.

12) 3 ,11, 31 ,69 ,131...... what is the 8th number??

**Notes:** they gave 3 graphs, first one was steel production, 3rd was automobile, i don't remember the second.., they will ask in particular year or from x-y year, usage of produced steel in automobile

2.  I attend 11o clock late batch , they changed paper  
  
same pattern  
25questions 60min for aptitude and 40Que 35m for verbal   
  
verbal quite difficult please prepare well and go  
  
And don't forget to take application form. passport size photo(don't affix to application form , even if you affix they told to remove )  
along with call letter shows date , time and venue correctly along with identity proof  
  
All the best..........