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EXTRA INF. QUEST:-=20

1 . There are 4 political parties . Day Flight , Eat well , Good Sleep =
, Deposit Loss. The 3 statements are
a. Either Day Flight or Eat Well will win the election.
b. Day Flight cannot win election.
c. Neither Deposit Loss nor Eat well can win the election.

Only one statement is true while other two are false .who win the =
election =85

Soln : Deposit Loss (F T F)

2. Javed , Roshan , Bharati and Sheela are supposed to have won prizes =
in math , French , Logic , and Eng. But its not clear who won what.

a. Sheela guessed that Roshan must have won logic.
b. Roshan guessed that Sheela will never win Math. =20
c. Javed guessed that Bharati has won French.
d. Bharati guessed Javed has got Eng.

Of those guesses the winners of Math and logic prizes guessed correctly =
while other two guessed wrong. Who won which prize.

Soln Sheela ----English.
Roshan ---French
Bharati---Logic
Roshan-Maths.
=20

3. there are 10 cig packs each conatining an unknown no of cigs(each =
pack has between 50 and 100). One pack has all bad cigs . Each good cig =
(if u can agree that any cig is good) weighs 1gm. Each bad cig weighs =
1.1 gm or .99 gm but all bad cigs weigh same. Using a spring chemical =
balance (which gives u the exactweight) .Find out which pack is bad , =
using the balace only once.

4. 24 apples were divided among 3 brothers . Each of them got the same =
no of apples as their age 3 years ago. The youngest of them kept half =
of his share and divided the rest of them equally between other two. =
Other two did the same thing. They all ended up with 8 apples each . =

Determine their ages.
Ans 7 , 10 , 16.

5. a city is divided into 16 blocks with rows passing betwwen them =
Find the no of ways one can move from A and C. (if u can only move =
upwards and to the right. Different paths may have common routes in =
some parts
ans 8 C 4 =3D 70.

5. A is murdered And the statements given by B , C , D are
B - I am a lawyer.
I haven't killed.
C - I am a layer
I haven't killed.
D- I am not a lawyer.
A lawyer is a murderer.

Out of these 6 2 are are correct and two of them lawyer.
=20
Ans . first 2 are Truth . Last four are false . c has killed.

6 . Baron's guide problem colur prob.

7 C E E=20
T E S S
_____ =20
9 9 9 9

8 . From the north pole a flight takes up with full capacity of fuel =
. It can travel half of the globe. You can change fuel and do whatever =
you like in air. How many minimum flights will be reqd travel the =
earth once through south pole.

Ans 3.

9. Every day a cyclist meets a train at a particular crossing . The =
road is straight. The cyclist travels with a speed of 10 kmph . one day =
the cyclist comes late by 25 min and meets the train 5 km from the =
crossing. What is the speed of the train?

Ans assume that the man and the train normally meet at the crossing =
at 8 a.m . he is 5 km behind at 7.30 . But when the cyclist is late he =
arrives at the crossing at 8.25 and therefore 5 km behind at 7.55 am =
. Since the train takes 5 min to travel 5 km , the speed of the train =
is 60 kmph.