hai anji ,

yesterday my self & pran sent infosys paper which is not clear.

now i am sending original & complete paper

MARKS: 50

I. ROHITH CAN CATCH EITHER THE HARBOUR LINE TRAIN OR MAIN LINE TRAIN
FROM HIS NEAREST RAILWAY STATION   KANDALA TO REACH HIS OFFICE. BOTH
THE TRAINS HAVE A FREQUENCY OF 10 min. IN THE MORNING OFFICE HOURS.
THE HARBOUR LINE TRAINS ARRIVE EVARY 10min. STARTING FROM 5:00a.m.
AND THE MAIN LINE TRAINS ARRIVE AT EVERY 10min. STARTING FROM 5:02a.m

II. IN A CERTAIN DEPARTMENT STORE THE POSITION OF BUYER,CASHIER,CLERK

, FLOORWALKAR , & MANAGER ARE HELD, THOUGH NOT NECESSARILY RESPECTIVELY ,BY M$

THE CASHIER & THE MANAGER WERE ROOMMATES IN COLLEGE.
THE BUYER IS BACHELOR,
EVANS & MISS AMES HAVE ONLY BUSINESS CONTACTS WITH EACH OTHER
MRS CONROY WAS GREATLY DOSAPPOINTED WHEN HER HUSBAND TOLD HER THAT THE
MANAGER HAD REFUGE TO GIVE HIM A RAISE.
DAVIS IS GOING TO BE THE BEST MAN WHEN THE   CLErk & THE CASHIER ARE MAR
RIED .

WHAT POSITION DOES EACH PERSON HELD.?

III.
TANVEER AND KUNAL WENT DOWN A DESCENDING ESCALATOR . THE ESCALATOR WAS
GOING DOWN AT A CONTANT SPEED . KUNAL WALKED DOWN THE STEPS AND HAD TO
COVER 50 STEPS TO REACH THE BOTTOM.TANVEER ON THE OTHER HAND , RAN DOWN
THE STEPS OF THE ESCALATOR AND HENCE HAD TO TAKE 75 STEPS TO REACH THE

BOTTOM . ACTUALLY , TANVEER TOOK 3 STEPS IN THE SAME TIME IT TOOK
KUNAL
TO TAKE 1 STEP . HOW MANY STEPS WOULD BE visible when the ecalator
is
stopped and not operating.?

Iv. In A four team foot-ball tournament , all the teams played each
other
in three rounds of matches are shown in the table -A . some of
the
results of the tournament are shown in the table _B . Using the
clues
given below, please fill -in the blank columns in the result
table-B
(goals for & goals for against ?).

Note : two points for win , one point for draw & zero points for
defeat
are awarded .

CLUES :
1. EAST ZONE WON THE TOURNAMENT DESPITE SCORING ONE LESS GOAL THAN
THE
RUNNERS -UP.
2. NORTH ZONE SCORED AN ODD NUMBER OF GOALS IN THEIR FIRST ROUND
GAME
3. SOUTH ZONE , WHO FAILED TO SCORE IN THEIR FINAL MATCH , WERE
BEATEN
BY A TWO -GOAL MARGIN IN THE FIRST ROUND.
4. EAST ZONE LOST THEIR MATCH AGINST WEST ZONE.
5. ALL FOUR TEAMS SCORED GOALS IN THE SECOND ROUND MATCHES
6. WEST ZONE SCORED THE SAME NUMBER OF GOALS AGAINST EAST ZONE AS
NORTH
ZONE SCORED AGINST THEM.
7. EAST ZONE SCORED FOUR GOALS IN ROUND TWO MATCH.
Table - A (MATCHES PLAYED)
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Round 1 North zone vs south zone
west zone vs east zone.
~~~~~~
round 2 south zone vs west zone
east zone vs north zone
~~~~~~
Round 3 south zone vs east zone
west zone vs north zone
~~~~~~

Table - B (RESULTS)
~~~~~~~~~~~~~~~~~~~~~~~~~~
Played won draw lost golas for goals
points
against

~~~~~~
$
East Zone 3 - - - ? 3
4

~~~~~~
North zone 3 - - - ? ?
4
~~~~~~
West zone 3 - - - 4 3
3
~~~~~~
South Zone 3 - - - 2 5
1

~~~~~~

V.
At six o'clock the wall clock struck 6 times . Checking with my
watch
, I noticed that the time between the first & last strokes was 30
seconds
. How long will the clock take to stike 12 at mid night (Ans 66
seconds)

VI. PLESE ANSWER THE Q'S WITH REFERENCE TO THE FACTS GIVEN BELOW (8
MARKS)

1 . THE MEMBERS OF A CERTAIN TRIBE ARE DIVIDED INTO THREE CASTES
-ABHOR

, DRAVID , & MAGAR CASTES

2. AN ABHOR WOMEN CANNOT MARRY A   DRAVID MAN
3. A MAGAR MAN CANNOT MARRY A DRAVID WOMEN.
4. A SON TAKES THE CASTE OF HIS FATHER , A DAUGHTER TAKES THE
CASTE OF
HER MOTHER .
5. ALL MARRIAGES EXCEPT THOSE MENTIOND ABOVE ARE PERMITTED
6 . THERE ARE NO CHILDREN BORN OUT OF WED LOCK.

Q'S

1) AN ABHOR WOMAN MARRIES AND HAS THREE CHILDREN , ALL OF WHOM ARE
MEMBER$

I) IF SHE WERE TO BE MARRIED to a magar MAN , THEY HAVE
NO MALE$

II) IF SHE WERE TO BE MARRIED TO ABHOR MAN ,THEY MAY HAVE MALE CHI$

III) IF HER FOURTH CHILD IS MALE , HE MAY BE A DRAVID ,.

A) I ONLY
B) III ONLY

C) I & II ONLY

D) II & III ONLY
E) I , II & III

2) IT CAN BE INFERRED FROM THE CONDITION DESCRIBED THAT A   MAGAR MAN

I) CANNOT HAVE A DRAVID GRAND MOTHER
II) CANNOT HAVE A DRAVID MOTHER
III) MAY HAVE A ABHOR MOTHER
A) I ONLY
B) II ONLY
C) I & II ONLY
D) II & III ONLY
E) I , II & III

3) WHEN TWO DRAVIDS ARE MARRIED , IT IS IMPOSSIBLE FOR THEM TO HAVE

I) ANY FEMALE ABHOR DESCENDENTS
II) AN ABHOR GREAT_ GRAND DAUGHTER \
III) AN ABHOR GRAND DAUGHTER

A)I ONLY
B) III ONLY
C) I & II ONLY
D) II & III ONLY
E) I , II & III

4) AN ABHOR WOMAN

A)CAN HAVE A DRAVID GRANDSON
B) CANNOT HAVE A MAGAR SON
C) CANNOT HAVE A MAGAR GRAND SON
D) CAN HAVE A MAGAR DAUGHTER -IN - LAW
E) CANNOT HAVE A DRAVID GRAND DAUGHTER

VII. (2 MARKS)
IN CERTAIN COMMUNITY THERE ARE THOUSAND MARRIED COUPLES .
TWO
THIRDS OF THE HUSBANDS WHO ARE TALLER THAN THEIR WIVES ARE ALSO
HEAVIER

AND THREE QUARTERS OF THE HUSBANDS WHO ARE HEAVIER THAN THEIR WIVES ARE
ALSO TALLER . IF THERE ARE 120 WIVES WHO ARE TALLER AND HEAVIER THAN THEIR
HUSBANDS, HOW MANY HUSBANDS ARE TALLER AND HEAVIER THAN THEIR WIVES ?

VIII. BOTH THE GUPTHAS AND SINHAS HAVE TWO YOUNG SONS WHOSE AGES ARE
ANDER ELEVEN. THE NAMES OF THE BOYS, WHOSE AGES ROUNDEDOFF TO THE
NEAREST YEAR ARE ALL DIFFERENT, ARE RAJESH, PRAVEEN,LALITH AND PRATHAP.
TAKING THE AGES OF THE AGES OF THE BOYS ONLY TO THE NEAREST YEAR, THE
FOLLOWING STATEMENTS ARE TRUE.
RAJESH IS THREE YEARS YOUNGER THAN HIS BROTHER IS.
PRAVEEN IS THE OLDEST.
PRATHAP IS 5YRS OLDER THAN THE YOUNGER SINHAS BOY.
LALITH IS HALF AS OLD AS ONE OF THE GUPTHA BOYS.
THE TOTAL AGES OF THE BOYS IN EACH FAMILY DIFFER BY THE SAME
AMOUNT TODAY AS THEY DID FIVE YEARS AGO. --- 7 MARKS.

IX. A LONG DIVISION SUM ---- 7 MARKS
xx)xxxxxxxxx(xxxxxxx
xx
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xxx
xx
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xxx
xx
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xx
xx
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xxx
xxx
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in the complete solution there are four 5' s.
Find the missing digits.

X. FOLLOWING SERVICES ARE OPERATED BY ASIAN AIRLINES BETWEEN THE TWO

ARE LOCATED IN DIFFERENT COUNTRIES WITH DIFFERENT TIME ZONES. AS IS
IS NORMALLY DONE, THE TIME SHOWN IS THE LOCAL TIME- VIZ IST & TST.

REGULAR FLIGHT SUPERSONICFLIG
ARRIVE ALEXANDRIA 17:10 TST 15:40 TST
DEPART " " 20:50 TST 22:50 TST
ARRIVE RAMPUR 23:40 IST ? IST

THE ARRIVAL TIME OF SUPERSONIC FLIGHT INTO   RAMPUR FROM
ALEXANDR $
ARRIVAL TIME OF THE SUPER SONIC FLIGHT ASSUMING EACH
SERVICE-
REGULAR AND SUPERSONIC MAINTAINS ITS OWN CONSTANT SPEED
OF FLIG$

DON' T ANSWER FOR ALL THEPUZZULES . 8 ARE THE SAFE ONE.