

INFOSYS PAPER 1997.

PAPER CODE Q/C.

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1a) $BE * BE = ACB$

A, B, C, E ARE NON ZERO NUMBERS FIND B, E.

ANS) $B=1$ $E=9$

2) A, B, C, D, E ARE HAVING NUMERICAL VALUES. THERE ARE SOME CONDITIONS GIVEN

a) $A=C \iff B \neq E$

b) DIFFERENCE BETWEEN A AND C AS SAME AS DIFFERENCE BETWEEN C AND B

AS SAME AS DIFFERENCE BETWEEN A AND D

c) $C < A$ AND $C > D$

THEN FIND A, B, C, D, E

3) THERE ARE SIX CARDS IN WHICH IT HAS TWO KING CARDS. ALL CARDS ARE TURNED DOWN AND TWO CARDS ARE OPENED

a) WHAT IS THE POSSOBILITY TO GET AT LEAST ONE KING.

b) WHAT IS THE POSSIBILITY TO GET TWO KINGS.

4) A PERSON WENT TO A SHOP AND ASKED FOR CHANGE FOR 1.15PAISE.
BUT HE SAID THAT HE COULD NOT ONLY GIVE CHANGE FOR ONE RUPEE.
BUT ALSO FOR 50P, 25P, 10P AND 5P. WHAT WERE THE COINS HE HAD

ans) 1-->50 4--->10P 1--->25P

5) THERE ARE 3 NURSES AND THEY WORK ALTOGETHER ONLY ONCE IN A WEEK.

NO NURSE IS CALLED TO WORK FOR 3 CONSECUTIVE DAYS.

NURSE 1 IS OFF ON TUESEDAY, THURSDAY AND SUNDAY.

NURSE 2 IS OFF ON SATURDAY.

NURSE 3 IS OFF ON THURSDAY, SUNDAY.

NO TWO NURSES ARE OFF MORE THAN ONCE A WEEK.

FIND THE DAY ON WHICH ALL THE 3 NURSES WERE ON WORK.

6) THERE ARE 5 PERSONS A, B, C, D, E AND EACH IS WEARING A BLOCK OR WHITE

CAP ON HIS HEAD. A PERSON CAN SEE THE CAPS OF THE REMAINING 4 BUT CAN'T

SEE HIS OWN CAP. A PERSON WEARING WHITE SAYS TRUE AND WHO WEARS BLOCK SAYS FALSE.

i) A SAYS I SEE 3 WHITES AND 1 BLOCK

ii) B SAYS I SEE 4 BLOCKS

iii) E SAYS I SEE 4 WHITES

iiii) C SAYS I SEE 3 BLOCKS AND 1 WHITE.

NOW FIND THE CAPS WEARED BY A, B, C, D AND E

Answer : Black, Black, White, White, Black

7) THERE ARE TWO WOMEN, KAVITHA AND SHAMILI AND TWO MALES SHYAM, ARAVIND

WHO ARE MUSICIANS. OUT OF THESE FOUR ONE IS A PIANIST, ONE FLUTIST, VIOLINIST AND DRUMMER.

- i) ACROSS ARAVIND BEATS PIANIST
- ii) ACROSS SHYAM IS NOT A FLUTIST
- iii) KAVITHA'S LEFT IS A PIANIST
- iiii) SHAMILI'S LEFT IS NOT A DRUMMER
- V) FLUTIST AND DRUMMER ARE MARRIED.

8) $\frac{1}{3}$ ED OF THE CONTENTS OF A CONTAINER EVAPORATED ON THE 1 ST DAY.

$\frac{3}{4}$ TH OF THE REMAINING CONTENTS OF THE CONTAINER EVAPORATED THE SECOND DAY. WHAT PART OF THE CONTENTS OF THE CONTAINER ARE LEFT AT THE END OF THE SECOND DAY. Answer : $\frac{1}{6}$

9) A MAN COVERED 28 STEPS IN 30 SECONDS BUT HE DECIDED TO MOVE FAST AND

COVERED 34 STEPS IN 18 SECONDS. HOW MANY STEPS ARE THERE ON THE ESCALATOR WHEN STATIONARY. Answer : 43

10) ALL FAIR SKINNED, RICH, HANDSOME, MUSCULAR, LEAN AND EMPLOYED ARE TALL MEN

- 1) ALL LEAN MEN ARE MUSCULAR.
- 2) NO FAIRSKINNED PERSON WHO IS NOT RICH IS HANDSOME.
- 3) SOME MUSCULAR MEN ARE HANDSOME.
- 4) ALL HANDSOME ARE FAIRSKINNED.
- 5) NO PERSON WHO IS NEITHER FAIR SKINNED NOR MUSCULAR IS ENPLYED.

6) we unable to recall this condition and question also incomplete

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