

INFOSYS PLACEMENT PAPER HELD ON - 15 APR 2007 - HYDERABAD

MARKS: 50, TIME: 1Hr

1) A jeweler prepared a window display each displaying 3 of the 7 gems at a time. They were methyst, opal, sapphire, emerald, ruby and garnet.

Displayed according to the following conditions:-

a: A sholud always be displayed on the left window and D on the right.

b:Ruby should never come with any of D or G.

c:E should always be with S.

then some 4 questions were asked on this.

#1 which combination is appropriate?

AOS;ADR;AES

#2 which condition is correct in the right window?

#3 Ruby can be displayed with following other two?

#4 S can be displayed with the following other two on left side window? (8 Marks)

2) Yesterday my mother asked me to buy some stamps. Stamps are available in 2 paisa, 7paise, 10paise, 15paise and 20paise denominations. For three types of stamps I was asked to buy five of each. For the other two types of stamps. I was asked to buy six of each. Unfortunately I forgot which I was supposed to buy five of and which to buy six of Luckily my mother had given me the exact money required to buy the stamps, Rs. 3.00 and the shopkeeper was able to give me the correct stamps. Which stamps did I buy?

(4 Marks)

3. A cyclist covered $\frac{2}{3}$ of his distance by cycle, then his tyre was punctured. After that he covered the remaining distance by walk. He felt that he had walked twice the time of his cycle. How fast he cycled than he walked. (3 Marks)

Ans: 4 times

4) Four persons A, B, C and D are playing cards. They have one card in their hand. Each card has two different colors on each of its side. In total there are 2 red, 2 green, and 3 blue colors. They made following statements about their hidden color of the card. And exactly two among them are lying.

A -> Blue or Green

B -> Neither Blue nor Green

C -> Blue or Yellow

D -> Blue or Yellow

The visible colors are Red, Green, Red and Blue respectively in that order. Tell the hidden colour of card for each of the person.

(8 Marks)

5) M is sister of P, O's husband is L's brother, N is father of K & grandfather of P There are two fathers and one mother and 3 brothers. Find

1) Group of brothers

2) How many Male candidates?

3) who is husband of O ? (6 Marks)

6) There are two workers, each takes 10 hrs & other for 9 hrs.Both can work together with 5 bricks laid for 1 hr. The owner knows this but in a hurry he assigned a work to both. How many Bricks they constructed for 1 hr... (Some thing like that) (3 Marks)

7) There are seven friends. First one goes to his friend's house on first day. Second one goes to his friend's house on second day. Third one goes to his friend's house on third day. Fourth one goes to his friend's house on fourth day. Fifth one goes to his friend's house on fifth day. Sixth one goes to his friend's house on sixth day. Seventh one goes to his friend's house on seventh day. Altogether all people can meet on which day? (4 Marks)

8) Some puzzle question on ages (like S is older than T, but younger E.F is older than S, but greater than T, etc) (6Marks)

9) There are 3 Men, in a party..... Each men dancing with three women. If one woman has two pairs of men how many attended the party? (4 Marks)