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Puzzle Test Questions for LIC AAO, SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 123

Directions: Study the following information carefully and answer the questions given beside:

Six persons M, N, O, P, Q, R are going to a casino and they wear shirts of different colours viz. Blue, Black, Red, Green, Yellow, White. They carry some cash in their wallets- Rs. 500, Rs.400, Rs.300, Rs.900, Rs.600, Rs.800. They will also meet their friends at the casino whose names are A, B, C, D, E and F.

N wears the shirt of Green colour. The person who wears White coloured shirt is the friend of A. The person who has Rs.600 is D's friend. O has Rs. 500 and the person who wears Blue coloured shirt is E's friend and has Rs. 300 in the wallet. N is not the friend of D. Q has Rs.400 in his wallet. P wears Yellow colured shirt. M and F are friends. D's friend doesn't wear Red coloured shirt. The person who is B's friend wears Black colured shirt. A's friend doesn't have Rs. 500 and M doesn't have Rs. 900.

1. Which of the following amounts does M have in his/her wallet?

A. Rs. 300 B. Rs. 800 C. Rs. 500 D. Rs. 600 E. Can't be determined

2. C's friend is wearing shirt of which of the following colours?

A. Yellow B. White C. Red D. Green E. None of these

3. Who among the following wears black coloured shirt?

A. M B. P C. R D. N E. None of these

4. Which of the following combinations is correctly matched?

A. M - F - 600 B. N - Green - 800 C. R - Blue - 300 D. P - A - White E. All are correct

5. Who among the following is B's friend?

A. O B. P C. R D. S E. None of these

Correct Answers:

1	2	3	4	5
B	D	E	C	A

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Common explanation:

Reference:
N wears the shirt of Green colour.

N is not the friend of D.

P wears Yellow colured shirt.

M and F are friends.

Q has Rs.400 in his wallet.

Inference:
With the above direct hints, following table can be prepared.

Persons	Friends	Money	Shirt colour
M	F		
N	~~D~~		Green
O			
P			Yellow
Q		400	
R			

Reference:
A's friend doesn't have Rs. 500 and M doesn't have Rs. 900.

O has Rs. 500 and the person who wears Blue coloured shirt is E's friend and has Rs. 300 in the wallet.

The person who wears White coloured shirt is the friend of A.

Inference:
As O has Rs. 500 in his wallet , so he can't be A's friend.

Now the remaining persons which could be A's friend are – N, P, Q and R.

With the third hint it is clear that A's friend wears white coloured shirt, thus N and P get eliminated. So, the possible friends of A are Q and R.

We will indicate this with the help of two cases such as Case1 and Case 2.

Case1:

With reference to the second hint, no such person is there who could wear a blue coloured shirt and also has Rs. 300. **Thus Case 1 fails.**

Persons	Friends	Money	Shirt colour
M	F	~~900~~	
N	~~D~~		Green
O		500	
P			Yellow
Q		400	
R	A		White

Case2:

With reference to the second hint, the only possible person who could wear a blue coloured shirt and also has Rs. 300 is "R."

Persons	Friends	Money	Shirt colour
M	F	~~900~~	
N	~~D~~		Green
O		500	
P			Yellow
Q	A	400	White
R	E	300	Blue

Reference:

The person who has Rs.600 is D’s friend.

D’s friend doesn’t wear Red coloured shirt.

The person who is B’s friend wears Black colured shirt.

Inference:

N and M can't be D's friend, thus the only person left is P, thus P is D's friend and has Rs. 600.

As M can't be B's friend, thus B's friend would be O.

Persons	Friends	Money	Shirt colour
M	F	~~900~~	
N			Green
O	B	500	Black
P	D	600	Yellow
Q	A	400	White
R	E	300	Blue

The only left colour i.e. red will be wore by M.

As M can't have Rs. 900, so he must be having rs. 800 and N has Rs. 900.

The only left person 'C' is N's friend.

Persons	Friends	Money	Shirt colour
M	F	800	Red
N	C	900	Green
O	B	500	Black
P	D	600	Yellow
Q	A	400	White
R	E	300	Blue

Answers :

1. From the following explanation it is clear that M has Rs. 800 in his wallet.

Hence option B is correct.

2. From the following explanation it is clear that C's friend is wearing a green coloured shirt.

Hence option D is correct.

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3. From the following explanation it is clear that O wears black colured shirt.

Hence option E is correct.

4. From the following explanation it is clear that" R - Blue - 300" is correctly matched.

Hence option C is correct.

5. From the following explanation it is clear that O is B's friend.

Hence option A is correct.

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