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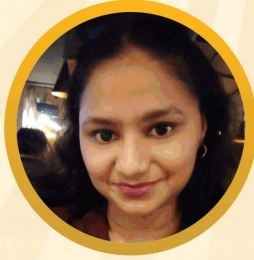
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# Puzzle exercise for IBPS PO Pre, IBPS SO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk

## PUZZLE TEST NO. 81

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

Eight persons – Ravi, Usha, Ashu, Deep, Sony, Hari, Moni and Jaya are living in an eight-floor building with bottommost floor being the first floor while topmost floor being numbered as eighth floor. Only one person stays on one floor. All of them belong to the same family and there are only two married couples but they have different bachelor degrees i.e. BA, BCA, BBA, LLB, BE, BTC, BHM and BSM. Each of them has a different annual income viz. 3 Lakhs, 4 Lakhs, 5 Lakhs, 6 Lakhs, 7 Lakhs, 8 Lakhs, 9 Lakhs and 10 Lakhs but not necessarily in the same order.

Ashu's maternal aunt does not live on eighth or first floor. The person who has the third highest annual income lives on the fifth floor. Usha is the wife of Jaya and she has only one child. The person who has sixth lowest annual income does not have LLB as bachelor degree. The person whose bachelor degree is BCA lives on an even-number floor. The person whose bachelor degree is BBA is an unmarried brother of Jaya. Hari is the sister-in-law of Jaya. Ashu's grandmother has only one brother. The person whose bachelor degree is BA lives on the top floor. The one whose annual income is third lowest lives between Usha and Ashu's grandmother. Hari has an annual income of 4 Lakhs and Deep's husband's brother-in-law has the lowest annual income. Deep is the mother of Jaya. The person whose bachelor degree is BTC lives on the seventh floor. Sony is the father of Ravi, who is the uncle of Ashu. Usha's father-in-law has an annual income of 7 Lakhs and lives on the sixth floor. The person who has an annual income of 6 Lakhs has BE as bachelor degree and lives on the third floor. The person whose annual income is highest lives on first floor. Jaya's child and the one whose bachelor degree is BSM live on an even-numbered floor. Ashu's grandmother has an annual income of 8 Lakhs and Ashu's uncle has the second highest annual income. Ashu does not have BCA as bachelor degree.

**1) Four of the following five are alike in a certain way and hence form a group. Which of the following is the one that does not belong to the group?**

- A. The one whose bachelor degree is BTC.
- B. The one whose bachelor degree is BE.
- C. The one whose annual income is 4 Lakhs.
- D. The one whose annual income is 7 Lakhs.
- E. The one whose bachelor degree is BHM.

**2) What is the annual income of the one who is the wife of the one whose bachelor degree is LLB?**

- A. 10 Lakhs
- B. 9 Lakhs
- C. 6 Lakhs
- D. 5 Lakhs
- E. None of these

**3) How is the one who has BTC as bachelor degree related to the one who has third lowest annual income?**

- A. Uncle
- B. Brother
- C. Niece
- D. Can't be determined
- E. None of these

**4) What is the difference between the annual incomes of the one who lives on topmost floor and the one who is the husband of Usha?**

- A. 7 Lakhs
- B. 5 Lakhs
- C. 4 Lakhs
- D. Can't be determined
- E. None of these

**5) What is the total income of the persons who have BHM and BSM as their degree?**

- A. 15
- B. 17
- C. 13
- D. 16
- E. 12

**Correct answers:**

1	2	3	4	5
D	C	E	A	C

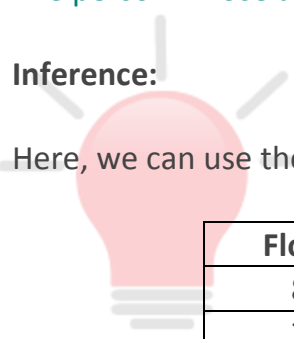
**Common Explanation:**

**Reference:**

The person who has the third highest annual income lives on the fifth floor.  
The person whose bachelor degree is BA lives on the top floor.  
The person whose bachelor degree is BTC lives on the seventh floor.  
The person who has an annual income of 6 Lakhs has BE as bachelor degree and lives on the third floor.  
The person whose annual income is highest lives on first floor.

**Inference:**

Here, we can use the above hints easily and can create a following table:



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Floor	Person	Degree	Income
8		BA	
7		BTC	
6			
5			8 Lakhs
4			
3		BE	6 Lakhs
2			
1			10 Lakhs

**Reference:**

Usha is the wife of Jaya and she has only one child.

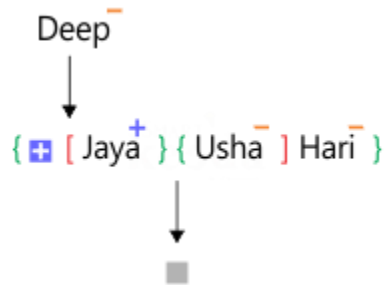
The person whose bachelor degree is BBA is an unmarried brother of Jaya.

Hari is the sister-in-law of Jaya.

Deep is the mother of Jaya.

**Inference:**

Using the given hints we can create a following blood chart:



Here, we will make a mental note an information that brother of Jaya is unmarried and have BBA as bachelor degree.

**Reference:**

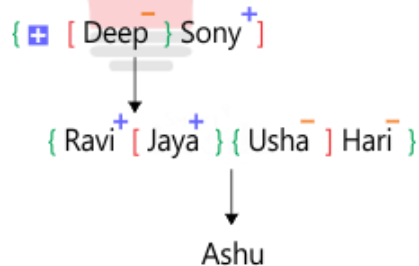
Sony is the father of Ravi, who is the uncle of Ashu.

Ashu's grandmother has only one brother.

All of them belong to the same family and there is only two married couple among them.

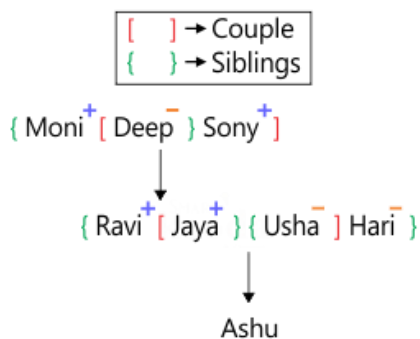
**Inference:**

Using the given hints the above blood chart can be redrawn as:



At this point we can easily complete the blood tree by establishing Moni as the brother of Deep.

The final blood chart is:



Initially, we have a hint that brother of Jaya is unmarried and have BBA as bachelor degree so now we can say that Ravi has BBA as bachelor degree.

**Reference:**

Usha's father-in-law has an annual income of 7 Lakhs and lives on the sixth floor. Ashu's grandmother has an annual income of 8 Lakhs and Ashu's uncle has the second highest annual income.

The one whose annual income is third lowest lives between Usha and Ashu's grandmother.

**Inference:**

As we have already figured out that Sony is the father in law of Usha, Deep is the grandmother of Ashu and, Ravi is the uncle of Ashu and has BBA as bachelor degree this means annual income of Ravi is 9 Lakhs.

Floor	Person	Degree	Income
8		BA	
7		BTC	
6	Sony		7 Lakhs
5	Deep		8 Lakhs
4			5 Lakhs
3	Usha	BE	6 Lakhs
2	Ravi	BBA	9 Lakhs
1			10 Lakhs

**Reference:**

Ashu's maternal aunt does not live on eighth or first floor. Hari has an annual income of 4 Lakhs and Deep's husband's brother-in-law has the lowest annual income.

**Inference:**

Using the blood char we can say that Hari is the maternal aunt of Ashu and Moni is the brother in law of Deep's husband.

Floor	Person	Degree	Income
8	Moni	BA	3 Lakhs
7	Hari	BTC	4 Lakhs
6	Sony		7 Lakhs
5	Deep		8 Lakhs
4			5 Lakhs
3	Usha	BE	6 Lakhs
2	Ravi	BBA	9 Lakhs
1			10 Lakhs

**Reference:**

Jaya's child and the one whose bachelor degree is BSM live on an even-numbered floor.

The person whose bachelor degree is BCA lives on an even-number floor. Ashu does not have BCA as bachelor degree.

The person who has sixth lowest annual income does not have LLB as bachelor degree.

**Inference:**

Considering the blood chart we can say that Jaya's child is Ashu and Deep has second lowest annual income.

Floor	Person	Degree	Income
8	Moni	BA	3 Lakhs
7	Hari	BTC	4 Lakhs
6	Sony	BCA	7 Lakhs
5	Deep		8 Lakhs
4	Ashu	BSM	5 Lakhs
3	Usha	BE	6 Lakhs
2	Ravi	BBA	9 Lakhs
1		LLB	10 Lakhs

At this point we can complete table by the fixing the position of Jaya on first floor and assigning the BHM as the bachelor degree of Deep.

Floor	Person	Degree	Income
8	Moni	BA	3 Lakhs
7	Hari	BTC	4 Lakhs
6	Sony	BCA	7 Lakhs
5	Deep	BHM	8 Lakhs
4	Ashu	BSM	5 Lakhs
3	Usha	BE	6 Lakhs
2	Ravi	BBA	9 Lakhs
1	Jaya	LLB	10 Lakhs



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