

# Who lives to the west of Suma?



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## Model Questions

**Directions: (Q.No.1-5) Study the following information carefully and answer the questions given below.**

Thirteen persons are living in an apartment building with six floors. From ground floor to fifth floor, the floors are numbered from 0 to 5 respectively. Each floor has three flats numbered D, J and K such that K is to the east of J and J is to the east of D.

Either one or no person lives in each flat. At least one person lives on each floor. Flat 1D means, D flat of 1st floor. If a person is living in the east/west of another person, means both are living in the same floor.

None of the flats are vacant on ground floor. Raj lives to the east of Bharathi. Mohan lives immediately above Rajesh but not on the same flat. Suma lives in 2K. The flat to the west of Sai is vacant. The flat to the east of Ramu is vacant. Flat 4J is vacant. The flat in between Siva and Madhu is vacant. There is one floor between Madhu and Suneel. Balu and Teju live immediately above Rama and all of them lived in different flats. Siva lives to the west of Madhu. Suneel lives to the east of Sai. There are two floors in between Sai and Raj. Balu lives to the west of Teju but not on the first floor. Rajesh lives in flat J. There are two flats vacant in 4<sup>th</sup> floor.

- Who lives on the floor immediate above Suneel?  
a) Suma b) Rama c) Mohan  
d) Ramu e) Balu
- Who lives to the west of Suma?

- a) Balu b) Mohan c) Rama  
d) Nobody e) Ramu
- Teju lives in?  
a) Fifth floor b) Fourth floor  
c) First floor  
d) Either (a) and (b)  
e) None of the above floors
- Which of the following people live on the floor immediate below Rama?  
a) Bharathi and Rajesh  
b) Raj and Mohan  
c) Sai and Suneel  
d) Siva and Madhu  
e) Only Ramu
- Which of the following is true?  
I. Ramu lives to the east of Mohan.  
II. Suma lives to the west of Balu  
III. Raj lives to the east of Rajesh.  
a) Only I  
b) Both II and III  
c) Only III d) Only II  
e) Both I and III

**Directions(Q.No.6-10): Study the following information carefully and answer the questions given below.**

8 friends Uma. Prasad, Harini, Latha, Chandhra, Vamsi, Kavitha & Rani were born on different years 1972, 1974, 1975, 1976, 1983, 1989, 1994 & 1998(not necessarily in same order).(Note: They all were born on 1st January & consider their ages as on 1st January 2018)

- "Latha was not born in a leap year.
- "2people were born between Latha & Harini who was born in a leap year.
- "Difference in Kavitha & Chandra's age is more than 10 years
- "Difference in Latha & Rani's age is a perfect square.
- "2 people were born between Rani & Uma.



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- "2 people were born between Vamsi & Kavitha.
- Who is 42 years old?  
a) Prasad b) Chandhra  
c) Uma d) Kavitha  
e) None of these
  - \_\_\_\_\_ age is a multiple of 4  
a) Kavitha b) Uma c) Harini  
d) Latha e) Vamsi
  - How many people were born between Prasad & Chandra?  
a) None b) 1 c) 2  
d) 3 e) More than 3
  - Which of the following statement is definitely true?  
a) 3 people were born between Prasad & Kavitha.  
b) No one was born between Prasad & Vamsi.  
c) Atleast 1 person was born between Prasad & Harini  
d) All of these  
e) None of these
  - Who was born in the year 1975?  
a) Prasad b) Chandhra  
c) Kavitha d) Vamsi  
e) Cannot determine

**Directions (Q.No.11-12): Study the following information carefully and answer the questions given below.**

- Which of the following should replace the question mark so that  $X > A$  is definitely true, and  $R = G$  is not definitely false?  
 $A < R \leq C ? X = E \leq F \geq G$

- a)  $\leq$  b)  $=$  c)  $<$   
d)  $\geq$  or  $<$  e)  $=$  or  $\leq$  or  $<$
- Which of the following symbols should replace the question marks respectively so that 'T  $\geq$  A' is definitely true?  
 $P < A = U ? V = W ? S \leq T > Q$   
a)  $>$  and  $\geq$   
b)  $\leq$  and either  $\leq$  or  $=$   
c)  $>$  and  $\geq$   
d)  $\leq$  and  $\geq$  e)  $<$  and  $\leq$

**Directions (Q.No.13-17): Question consists of five statements followed by five conclusions. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions does not logically follow from the given statements using all statements together.**

- Statements:**  
No Lions are hand.  
Some hands are Leg.  
All Rats are cat.  
Some cats are Lions.  
All Legs are month.  
**Conclusions:**  
a) Some month are hand.  
b) All Rats being Lions is a possibility.  
c) Some cat is not hand.  
d) Some Rat is not hand.  
e) All hand being month is a possibility.
- Statements:**  
All watch is lime.  
Some lime is Nut.  
All nut is point.  
Some flowers are Yellow.  
No Yellow is watch.  
**Conclusions:**  
a) All yellow being lime is a possibility.  
b) All flowers being watch is a possibility.

- Some point is lime.  
d) All watch being point is a possibility.  
e) Some flower is not watch.
- Statements:**  
No east is west.  
All west is point.  
Some west is dark.  
Some North - East is south - west.  
All south - west is east.  
**Conclusions:**  
a) All North - East not being east is a possibility.  
b) Some North - East being dark is a possibility.  
c) All east being south - west is a possibility.  
d) All dark being point is a possibility.  
e) No south - west is west.
- Statements:**  
All Clock is hour.  
No hour is watch.  
Some scale is day.  
No Day is night.  
All scale is watch.  
**Conclusions:**  
a) No Clock is scale.  
b) Some Clock is not watch.  
c) No scale is night.  
d) All watch being scale is a possibility.  
e) Some watch is not night.
- Statements:**  
Some Rat is lunch.  
Some fruit is tree.  
No tree is Red.  
All Red is pink.  
No lunch is fruit.  
**Conclusions:**  
a) Some fruit is not Red.  
b) All pink being Red is a possibility.  
c) All Rats being tree is a possibility.  
d) Some Rat is not fruit.  
e) Some fruit is not pink

## Key with Solutions

(1-5):

Floor	D	J	K
5	Siva	*	Madhu
4	Ramu	*	*
3	*	Sai	Suneel
2	Balu	Teju	Suma
1	Mohan	*	Rama
0	Bharathi	Rajesh	Raj

1) d; 2) a; 3) e; 4) a; 5) c;

(6- 10):

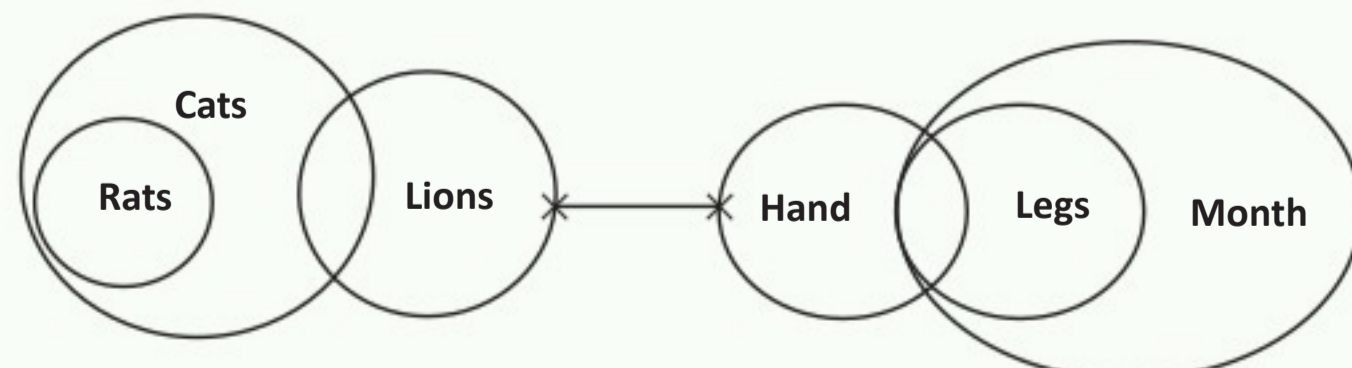
Year	Age	Person
1998	20	Rani
1994	24	Latha
1989	29	Kavitha
1983	35	Uma
1976	42	Harini
1975	43	Vamsi
1974	44	Prasad/Chandra
1972	46	Prasad/Chandra

6) e; 7) d; 8) a; 9) c; 10) d;

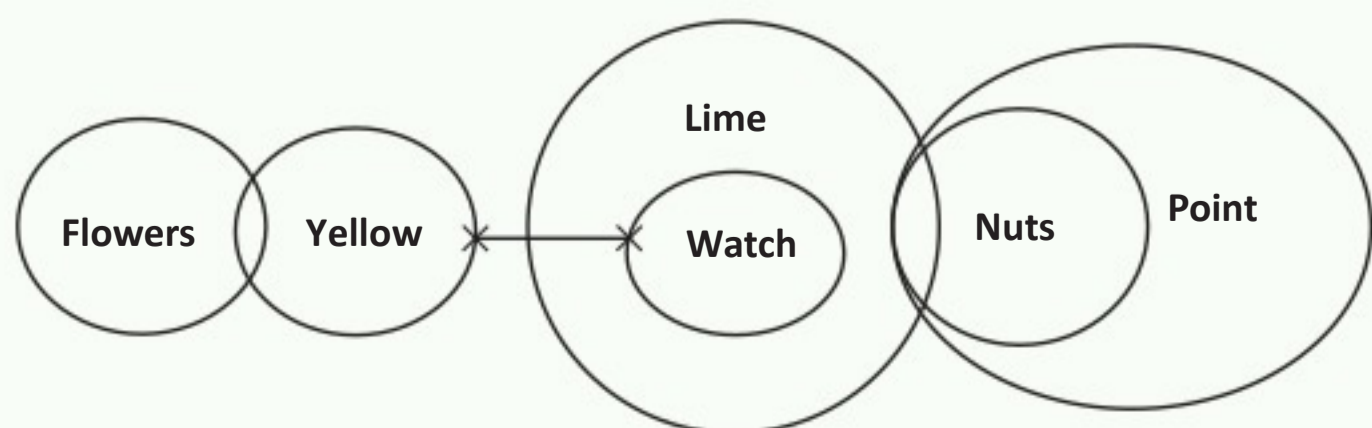
11) e; 12) b;

(13- 17):

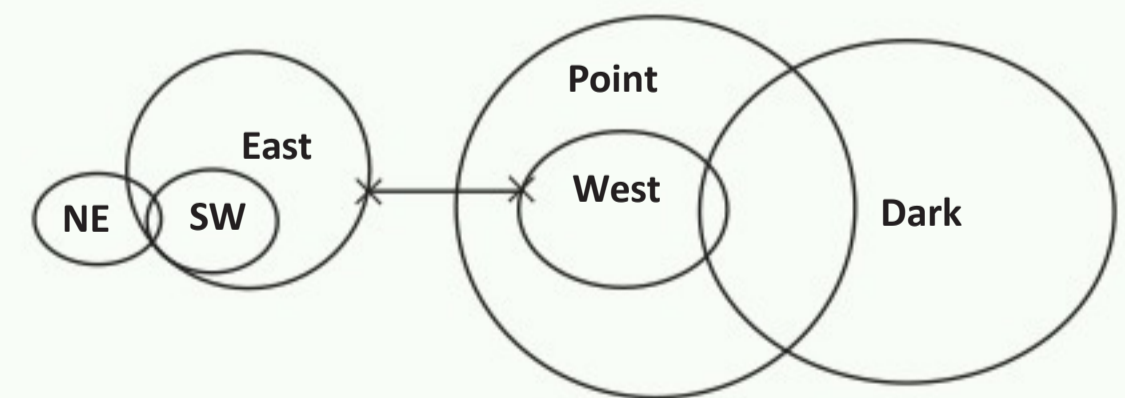
13) d;



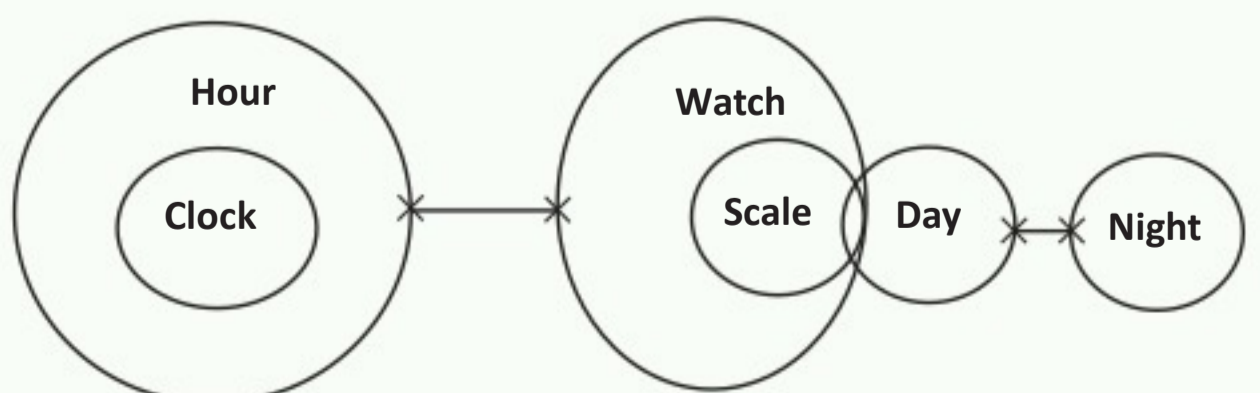
14) b;



15) a;



16) c;



17) e;

