

How many persons are sitting in a row?



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Model Questions

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

Seven people - Ravi, Ramu, Rajesh, Raghu, Rakesh, Ranjit and Rajan-have different hobbies, viz Travelling, Reading, Dancing, Painting, Sculpting, Singing and Pottery making, but not necessarily in the same order. Each of them belongs to a different State. Viz Punjab, Odisha, Kerala, Rajasthan, Maharashtra, Gujarat and Karnataka, but not necessarily in the same order. Ravi belongs to Maharashtra. Raghu likes Pottery making. The person who likes Sculpting is from the state of Odisha. The person who likes Dancing is from the state of Gujarat. Ranjit does not belong to Gujarat, Odisha, Punjab or Rajasthan. Ranjit does not like Singing, Reading or Painting. Ramu does not belong to Kerala, Odisha, Punjab or Rajasthan. Ramu does not like Painting, Travelling, Reading or Singing. Rajesh does not like Sculpting and he is not from Rajasthan or Punjab. Neither Raghu nor Rajan belongs to Punjab. Ravi does not like Reading. The person from Kerala likes Singing.

- Who among the following likes Singing?
a) Ravi b) Rajesh
c) Rakesh d) Rajan
e) Can't be determined
- Which of the following combinations is true according to the given information?
a) Ravi-Travelling-Odisha
b) Rajesh-Dancing-Gujarat

- c) Rakesh-Reading-Karnataka
d) Raghu - Pottery making - Rajasthan
e) All are true
- Who among the following belongs to the State of Karnataka?
a) Ramu b) Raghu
c) Ranjit d) Rakesh
e) Can't be determined
- Which of the following combinations is true about Rajan?
a) Sculpting - Odisha
b) Pottery making - Karnataka
c) Dancing - Gujarat
d) Singing - Kerala
e) Travelling - Karnataka
- The persons who belongs to Punjab, likes
a) Travelling b) Sculpting
c) Painting
d) Pottery making e) Reading

Directions (Q.No.6-9): Study the following information carefully and answer the questions given below.

- 'A + B' means 'A is father of B'
'A - B' means 'A is sister of B'.
'A % B' means 'A is mother of B'
'A \$ B' means 'A is wife of B'
'A @ B' means 'A is son of B'.
- What should come in place of question mark to establish that J is brother of T in the expression? J @ P % H ? T % L
a) - b) @ c) \$
d) Either @ or -
e) Either + or @
 - Which of the given expressions indicates that M is daughter of D?
a) L % R \$ D + T - M
b) L + R \$ D + M - T
c) L % R % D + T @ M
d) D + L \$ R + M - T
e) L \$ D @ R % M @ T
 - Which of the given expressions is true if Y is son of X is definitely false?
a) W % L - T - Y @ X
b) W + L - T - Y @ X



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- X + L - T - Y @ W
d) W \$ X + L + Y + T
e) W % X + T - Y @ L
 - What should come in place of question mark to establish that T is sister-in-law of Q in the given expression?
R % T - P ? Q + V
a) @ b) % c) -
d) \$ e) Either \$ or @
 - In which of the following expression shows that, 'A > L' and 'B ≤ K' being definitely true?
a) B > K > L ≥ M ≥ N < A
b) K < L ≤ N < A < B ≤ M
c) K < L < N ≤ M < B = A
d) A > K ≥ B > L = N ≥ M
e) None of these

Directions (Q.No.11-15): Study the following information carefully and answer the questions given below.

A certain number of persons are sitting in a single row. Two persons are facing North and remaining persons are facing South direction. Faisal sits 3rd to the left of Jack, who is 4th from right end. There are three persons sit between Faisal and Raaghav, who is an immediate neighbour of Tahoma. Aadarsh is an immediate neighbour of Aadhi and sits 4th from left end. There are as many persons sit between Aadhi and Faisal as between Faisal and Tahoma. Baalan sits 4th to the right

- of Aadarsh.
- Who among the following sits 2nd to the left of Baalan?
a) Faisal b) Raaghav
c) Tahoma d) Jack
e) Can't be determined
 - How many persons are sitting in a row?
a) 14 b) 15 c) 16
d) 17 e) Can't be determined
 - How many persons sit between Aadhi and Raaghav?
a) Six b) Five c) Seven
d) Eight e) None of these
 - Which among the following is true regarding Tahoma?
a) Tahoma sits 2nd to the left of Jack
b) Tahoma faces North.
c) Tahoma sits 3rd from extreme end
d) One Person sits between Jack and Tahoma
e) All are false
 - Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
a) Raaghav b) Tahoma
c) Aadarsh d) Aadhi
e) Baalan

Directions (Q.No.16-17): Study the following information carefully and answer the questions given below.

Point X is 4 meters to the north of point Y and is 3 meters to the east of point Z. Point A is 9 meters to the east of point Z. Point B is 12 meters to the north of Point Y. Point C is 4 meters to the west of point B and 3 meters to the north of point D.

- What is the direction of point D with respect to point Z?
a) South - east b) North
c) North - east d) North - west
e) West
- What is the shortest possible

- distance between point B and point A?
a) 15 meters b) 14 meters
c) 12 meters d) 20 meters
e) 10 meters
- Directions (Q.No.18-20):** Study the following information carefully and answer the questions given below.
- F I 4 @ O D K 8 L A 5 # 3 U T 1 E * 6 H @ M \$
- How many vowels are there in the arrangement which is immediate followed by a number and immediate preceded by a consonant?
a) 2 b) 3 c) 4
d) 1 e) None
 - Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
a) I O D b) D L A c) A 3 U
d) T 6 H e) E H @
 - If the position of all the symbols are interchanged with their immediately preceding element in the above arrangement, then which element will be sixth to the left of the seventh from the right end?
a) 3 b) # c) 5
d) D e) E

Directions (Q.No.21-25): Study the following information carefully and answer the questions given below.

- In a certain code language 'There are numerous ways' is coded as 'X@25 O@21 B#18 U#18' 'Rightful due political economy' is coded as 'F#13 Q#1 E#21 S@21' 'Work culture to provide' is coded as 'X@18 Q#4 D#18 U@20'
- What is the code for 'requisite' in the given code language?
a) R#20 b) S#18 c) T#20
d) S#20 e) None of these
 - What is the code for 'proximity' in the given code language?
a) R#25 b) M#25 c) Q#20
d) L#25 e) None of these
 - What may be the possible code for 'visible reminder' in the given code language?
a) S#5 W#12 b) S@5 X#12
c) S@5 W#12 d) T@5 W#12
e) None of these
 - What may be the possible code for 'waiting time' in the given code language?
a) X#7 V@5 b) X#7 U@5
c) X#7 U#5 d) X#14 U@13
e) None of these
 - What is the code for 'publicly enforcing' in the given code language?
a) R@25 F#7 b) Q#25 F#7
c) Q@25 F@7 d) Q@12 F#14
e) None of these

Key with Solutions

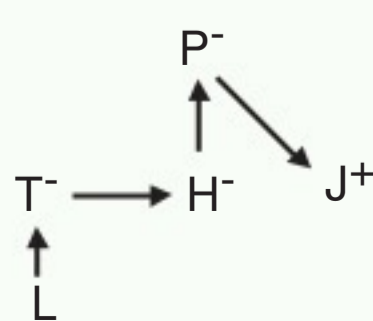
(1-5):

Person	Hobbies	State
Ravi	Painting	Maharashtra
Raghu	Pottery making	Rajasthan
Ramu	Dancing	Gujarat
Rajan	Sculpting	Odisha
Ranjit	Travelling	Karnataka
Rajesh	Singing	Kerala
Rakesh	Reading	Punjab

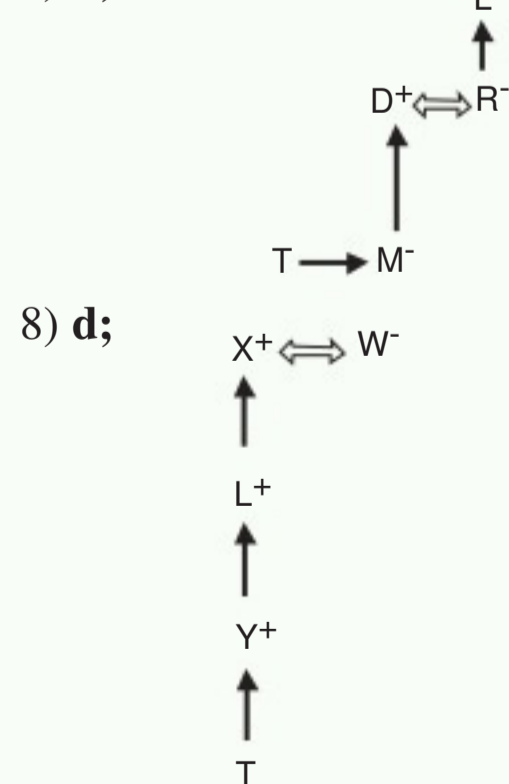
1) b; 2) d; 3) c; 4) a; 5) e;

(6-10):

6) a;

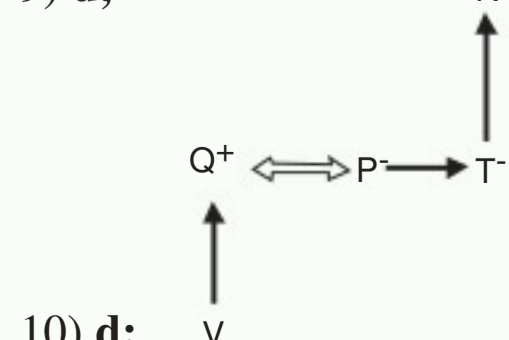


7) b;



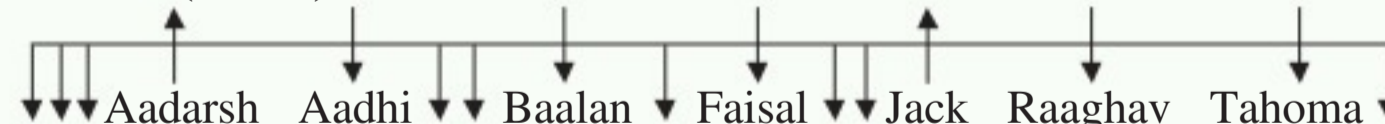
8) d;

9) d;



10) d;

(11-15):

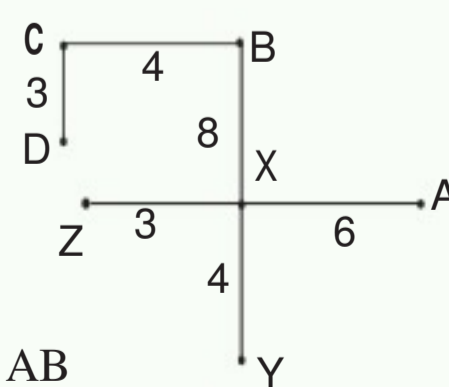


11) a; 12) c; 13) d; 14) d; 15) c;

(16-17):

16) d;

17) e;



distance AB
= $\sqrt{36+64} = 10\text{mt}$

(18-20):

18) a; The combination is 'CVN', they are F I 4, L A 5.

19) d;

20) b; New series after interchanging is F I @ 4 O D K 8 L A # 5 3 U T 1 * E 6 @ H \$ M => 13th element from right end is #.

(21-25):

LETTER	SYMBOL	NUMBER
Next letter of the first letter of the word.	Even letter count => @ Odd letter count => #	Letter value of the second letter of the word from the right end.

21) d; 22) c;

23) c; 24) d;

25) d