

Puzzle Test

QUESTIONS

1. If A, B, C and D are to be seated in a row, but C and D cannot be together Also, B cannot be at the third place from the left, then which of the following must be definitely false?
 (a) A is at the second place
 (b) A is at the first place
 (c) A is at the third place
 (d) A is at the fourth place

2. Rima is taller than Sarika but not taller than Reena. Reena and Tanya are of the same height Rima is shorter than Anu. Amongst all the girls, who is the shortest?
 (a) Anu (b) Sarika
 (c) Rima (d) Reena and Tanya

3. Among five friends, Garima is younger than Nidhi but elder than Latika. Latika is younger than Beena and Megha. Beena is elder than Nidhi but younger than Megha. Who is ranked fourth in the ascending order of age?
 (a) Megha (b) Beena
 (c) Garima (d) Latika

4. A contractor will build five houses in a certain town in a street that currently has no houses on it. The contractor will select from seven different models of houses T, U, V, W, X, Y and Z. The town's planning board has placed the following restrictions on the contractor:
 (i) No model can be selected for more than one house. Either model W must be selected or model Z, but both cannot be selected.
 (ii) If model Y is selected, model V must also be selected.
 (iii) If model U is selected, model W cannot be selected.
 Following the above restrictions answer the question given below. If model U is one of the models selected for the street, then which of the following models- must also be selected?
 (a) T (b) W
 (c) Z (d) None of these

5. Q types faster than R but not as fast as V. T types faster than R. S types faster than V. Who amongst the five types the fastest?
 (a) S (b) T
 (c) V (d) Data inadequate

6. Amita, Babita, Chinki, Deepa, Priya and Fatima are standing in a row. Babita is between Fatima and Deepa. Priya is between Amita and Chinki. Amita stands next to neither Fatima nor Deepa. Chinki does not stand next to Deepa. Fatima is between which of the following pair of persons?
 (a) Amita and Chinki
 (b) Chinki and Deepa
 (c) Babita and Chinki
 (d) Amita and Babita

7. A, B, C, D and E when arranged in descending order of their weights from the top/ A becomes third, E is between D and A while C and D are not at the top. Who among them is the second heaviest?
 (a) A (b) B
 (c) C (d) D

8. A is shorter than B but much taller than E. C is the tallest and D is little shorter than A. Who is the shortest?
- (a) A (b) E
(c) C (d) B

Direction (19-12) Study the following information to answer the given questions:

Q, R, S, T, U and V are seated in a straight line facing North. S is second to the right of T and T is second to the right of Q, R is to the left of Q and is second to the left of V.

9. How many persons are seated between T and V?
- (a) 1 (b) 2
(c) 3 (d) 0
10. What is Q's position with respect to S?
- (a) Third to the left (b) Immediate next
(c) Fourth to the left (d) Second to the left
11. Who is sitting at extreme left end?
- (a) Q (b) R
(c) V (d) S
12. How many persons are sitting between Q and U?
- (a) 1 (b) 0
(c) 2 (d) 3

Direction (1315): Study the following information to answer the given questions:

V, U and T are seated in a circle facing the centre. A, B and C are also seated in the same circle but one of them is not facing the centre (facing opposite direction of the centre). V is second to the left of C. U is second to the right of A. B is third to the left of T. C is second to the right of T. A is seated next to V.

13. Which of the following is T's position with respect to B?
- (a) Third to the right
(b) Second to the right
(c) Third to the left
(d) Both (a) and (c)
14. Which of the following is V's position with respect to C?
- (a) Second to the right
(b) Fourth to the right
(c) Third to the left
(d) Fourth to the left
15. Which of the following is A's position with respect to U?
- (a) Third to the right
(b) Second to the right
(c) Second to the left
(d) Cannot be determined
16. Among M, T/ R, V and W, each has different heights. T is taller than only W. R is shorter than M but taller than V. Who is the third tallest among them?
- (a) V (b) W
(c) T (d) R

Direction (1719): Study the following information to answer the given questions:

A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. No two males or two females are immediate neighbours of each other. A is wife of H. A sits third to the left of E. F sits second to the right of D. D is not an immediate neighbour of A or E. H and C are immediate neighbours of each other F is not an immediate neighbour of his wife B.

17. Which of the following is true about G?
(a) G is a male. (b) G sits exactly between F and H.
(c) G sits second to the right of B. (d) G sits third to the left of E.
18. Who sits third to the left of B?
(a) F (b) A
(c) D (d) H
19. How many people sit between B and F when counted in anticlockwise direction from B?
(a) Two (b) Three
(c) Four (d) Five

Direction (20-22): P, Q, R, S and T are students in a college.

- (i) **P and Q study both Physics and Chemistry.**
(ii) **R and S study both Chemistry and Mathematics.**
(iii) **S and P study both Electronics and Chemistry.**
(iv) **T and Q study both Mathematics and Electronics.**

20. Which student studies the most number of subjects?
(a) T (b) S
(c) R (d) Q
21. Common subject studied by all P, R and S is _____.
(a) Mathematics (b) Chemistry
(c) Physics (d) Electronics
22. The pair of students who studies only two subjects are _____.
(a) R-T (b) Q-R
(c) P-S (d) S-T
23. Q, R, S, T, U and V are seated in a straight line facing North. S is second to the right of T and T is second to the right of Q. R is to the left of Q and is second to the left of V. Three of the following four are alike in a certain way based on the seating position in the above arrangement and so form a group. Which is the one that does not belong to the group?
(a) QV (b) VT
(c) US (d) UT
24. Out of the five car manufacturing companies A, B, C, D and E, the production of company B is more than that of company A but not more than that of company E. Production of company C is more than the production of company B but not as much as the production of company D. Considering the information to be true, which of the following is definitely true?
(A) Production of company D is highest of all the five companies.
(B) Company C produces more number of cars than company E.
(C) The numbers of cars manufactured by companies E and C are equal.
(D) Company A produces the lowest number of cars.

(SOF NCO 2016)

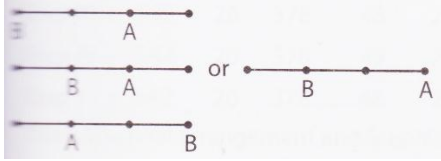
- 25.** A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. A sits second to the left of D/ who is third to the left of E. C sits third to the right of G, who is not an immediate neighbour of E. H sits third to the right of B, who sits second to the right of G. **(SOF NCO 2016)**
What is the position of A with respect to E?
(a) Third to the left
(b) Third to the right
(c) Second to the left
(d) Second to the right
- 26.** Study the following information carefully and answer the question given below: Eight friends Q, R, S, T, V, W, Y and Z are sitting around a circular table, facing the centre. There are three males and five females in the group of friends. No two males are immediate neighbours of each other. **(SOF NSO 2016)**
(i) V sits second to the right of his wife.
(ii) S sits third to the right of V.
(iii) W sits second to the right of her husband Z. Z is not an immediate neighbour of V's wife.
(iv) T is a male and Y is not an immediate neighbour of V.
(v) R sits second to the right of Q.
Which of the following statements regarding S is definitely correct?
(a) S is one of the male members of the group.
(b) Both the immediate neighbours of S are females.
(c) S sits third to the left of T.
(d) W is an immediate neighbour of S.
- 27.** In a group of six women Priya, Sanchi, Trishu, Parul, Shikha and Anjali, four are table tennis players, four are postgraduates in economics, one is postgraduate in commerce and three are bank employees. Priya and Shikha are among the bank employees while Anjali and Trishu are unemployed. Trishu and Sanchi are among the table tennis players. Anjali, Shikha, Trishu and Sanchi are postgraduates in economics of whom two are bank employees. If Parul is postgraduate in commerce who among the following is definitely both a table tennis player and a bank employee? **(SOF IMO 2016)**
(a) Sanchi (b) Priya
(c) Anjali (d) Trishu
- 28.** A group of seven friends, facing the North, are standing in a line. Amit is to the right of Priya. Manisha is standing beside Sonali. Shilpa is to the left of Manisha. Abhinav is to the left of Vivek. Priya and Shilpa have one person between them. Vivek and Amit have one person between them. Who is standing in the middle? **(SOF NCO 2017)**
(a) Amit (b) Priya
(c) Shilpa (d) Sonali
- 29.** Read the following information and answer the question that follows.
(i) Four persons R, Q, S and P eat mango/ apple, orange or guava from Monday to Thursday., Me two persons eat the same fruit on a day. Each of them eats only one fruit on a day and does not repeat it any other day.
(ii) Neither R nor S eats orange or guava on Tuesday.
(iii) Q eats apple on Wednesday.
(iv) P eats guava on Monday.
(v) R does not eat mango on Thursday.
(vi) S eats apple on Monday.
Which fruit does R eat on Monday? **(SOF NSO 2017)**
(a) Apple (b) Mango (c) Guava (d) Orange

- 30.** Study the given information carefully and answer the question that follows.
P, Q, R, S, and U are seated in a circle facing the centre. P and R are seated adjacent to each other and T and Q are also seated adjacent to each other. Q is to the immediate left of U.
There are two persons between S and T. P is not seated adjacent to L. Who is seated to the immediate left of S?
(SOF IMO 2017)
- (a) U (b) Q
(c) P (d) T

ANSWER - KEY				
1. B	2. B	3. B	4. C	5. D
6. C	7. C	8. B	9. D	10. C
11. B	12. C	13. D	14. B	15. C
16. A	17. C	18. D	19. A	20. D
21. B	22. A	23. D	24. D	25. B
26. D	27. A	28. A	29. B	30. A

EXPLANATIONS

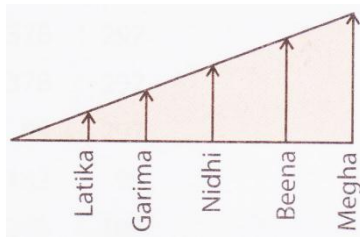
1. (b) : Let us consider counting from left to right. All possible situations of A are shown below.



2. (b) : $Anu > Reena = Tanya > Rima > Sarika$
OR

$Reena = Tanya > Anu > Rima > Sarika$

3. (b):

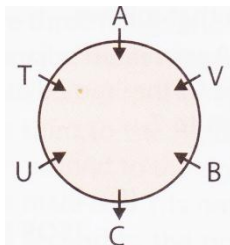


4. (c): If model U is selected/ modes W cannot be selected. Also, model Z is compulsory selected as model W has not been selected consequently/ model Z must be selected.
5. (d) $S > V > Q > R$ and $T > R$
No satisfied result can be obtained from the given data.
6. (c) Order of the girls standing in a row Deepa, Babita, Fatima, Chinki, Priya, Amita
OR
Amita, Priya, Chinki, Fatima, Babita, Deepa So, Fatima is between Babita and Chinki,

(9-12):



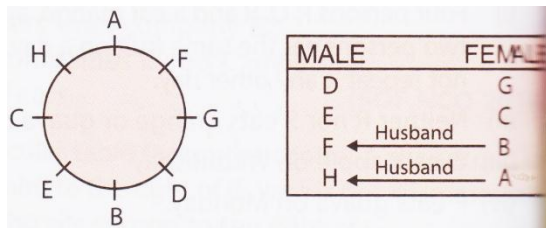
(13-15):



The positions of all the six persons are shown in the adjoining figure.

16. (a): $M > R > V > T > W$
So, the third tallest is V.

(17-19):



(20-22):

According to the given information we have:

Students	Subjects
P	Physics, Chemistry, Electronics
Q	Physics, Chemistry, Electronics, mathematics
R	Chemistry, mathematics
S	Chemistry, Mathematics, Electronics
T	Mathematics, Electronics