

**GS FOUNDATION (2023-24) WORKSHEET 16**  
**&**  
**CSAT FOUNDATION 1.0 (2023-24) WORKSHEET 18**  
**ORDER AND RANKING + SEATING ARRANGEMENTS**

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1. Rajesh is 12th from both ends of a row. How many candidates are there in the row?  
A. 20  
B. 23  
C. 12  
D. 28
  
2. Mukesh and Suresh are standing in a queue. Mukesh is 9th from left and Suresh is 6th from right. When both interchanged their positions, Mukesh becomes 15th from left. Find out new position of Suresh from right end.  
A. 12<sup>th</sup>  
B. 15<sup>th</sup>  
C. 9<sup>th</sup>  
D. 5<sup>th</sup>
  
3. A class stands in a single line. Sumit is 21st in order from both the ends. How many students are there in the class?  
A. 39  
B. 40  
C. 41  
D. 42
  
4. Sunita is the 11th from either end of a row of girls. How many girls are there in that row?  
A. 20  
B. 21  
C. 23  
D. 22
  
5. Vivek's position from the left in a row of students is 19th and Harsh's position is 27th from the right. Both of them interchange their positions and Harsh becomes 38th from the right. How many students are there in the row?  
A. 44  
B. 45  
C. 46  
D. None of the above

6. In a class of students, Vimal's rank is 19th from top in Logical Reasoning, whereas his rank is 43rd from bottom in Quantitative Aptitude. How many students are there in the class?

- A. 60
- B. 61
- C. Cannot be determined
- D. None of the above

7. There are 64 history books arranged in a row at central library Bangalore. Ancient history is 25th from the left side of the row and Medieval history is 30th from the right side of the row. What is the total number of books between Ancient and Medieval history?

- A. 6
- B. 7
- C. 8
- D. 9

8. In a row at a ticket counter, P is 10th from the left and Q is 12th from the right. They both interchange their positions. Now, P becomes 15th from the left. How many people are there in the row?

- A. 25
- B. 26
- C. 27
- D. None of the above

**For Q. 8 and 9:** P, Q, R, S, T are friends with different heights. P is taller than S but not T. Only 2 persons are taller than Q. R is taller than S.

9. Who is tallest?

- A. P
- B. R
- C. T
- D. Cannot be determined

10. Who is shortest?

- A. P
- B. S
- C. Q
- D. Cannot be determined

**For 11 to 13:** Soldiers Punita and Mitali are standing in a row of female soldiers. Punita is 18th from the left side of the row, and Mitali is 24th from the right side of the row. If they interchange their positions, Punita becomes 31st from left.

11. The new position of Mitali from the right side is \_\_\_\_

- A. 30
- B. 23
- C. 43
- D. 37

12. The total number of female soldiers in a row?

- A. 54
- B. 40
- C. 57
- D. 35

13. Number of soldiers standing between Punita & Mitali are \_\_\_\_

- A. 6
- B. 12
- C. 18
- D. Cannot be determined

14. There is a pride of lions and its cubs in a row, the position of eldest lioness from the left side of the row is 9th & position of youngest lioness from the right side of the row is 8th. If the new-born cub is sitting just in the middle of eldest & youngest and position of cub from the left side of the row is 15th. Find the total number of lions the row?

- A. 28
- B. 29
- C. 30
- D. 31

15. In a batch of 100 students Kavya's rank is 50th from the top and Lucky's rank is 68th from the bottom. How many students are there in between Kavya and Lucky?

- A. 16
- B. 17
- C. 18
- D. 19

**For Q: 16-18:** Devesh, Gautam, Aditya, Byom, Chandan, Harish, Fahad, and Emi are eight persons, having a different height. Devesh is shorter than Aditya, but taller than Gautam. Emi is taller than Harish but shorter than Chandan. Byom is shorter than Devesh but taller than Fahad. Chandan is shorter than Gautam. Gautam is not as tall as Fahad.

16. Who is 5<sup>th</sup> shortest?

- A. Byom
- B. Chandan

- C. Fahad
- D. Can't be determined

17. Who is shortest?

- A. Harish
- B. Byom
- C. Emi
- D. Fahad

18. Who is 2<sup>nd</sup> tallest?

- A. Aditya
- B. Devesh
- C. Chandan
- D. Can't be determined

**For Q. 19-22:** Solve the following questions based on the information provided:

- i. A, B, C, D, E, F, G and H are eight friends. Three of them play cricket and table tennis each, and two of them play football. Each one of them has different height.
- ii. The tallest does not play football and the shortest does not play cricket.
- iii. F is taller than A and D but shorter than H and B. iv. E, who does not play cricket, is taller than B and is second to the tallest.
- iv. G is shorter than D but taller than A.
- v. H, who is fourth from the top, plays table tennis with D.
- vi. G does not play either cricket or football. B does not play football

19. Who is the tallest?

- A. B
- B. C
- C. H
- D. Can't be determined

20. Who is shortest?

- A. G
- B. D
- C. A
- D. Data inadequate

21. Which of the following pairs of friends plays football?

- A. AE
- B. EH
- C. FH
- D. Can't be determined

22. What's the F's position from top when arranged in descending order of height?

- A. 5<sup>th</sup>
- B. 4<sup>th</sup>
- C. 6<sup>th</sup>
- D. None of the above

**Solution:**

- 1) B
- 2) A
- 3) C
- 4) B
- 5) D
- 6) C
- 7) D
- 8) B
- 9) C
- 10) B
- 11) D
- 12) A
- 13) B
- 14) A
- 15) A
- 16) C
- 17) A
- 18) B
- 19) B
- 20) C
- 21) A
- 22) A