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No. n Ranking Test Quiz 4

Directions : Study the following information carefully and answer the questions given below.
[Set of 3 Questions]

Six books – English, Hindi, Science, Computer, Maths, and Sanskrit each contains different number of pages. Computer book contains fewer pages than only two books. English book contains more pages than Science book but less than Sanskrit book. Science book does not contain least pages. Sanskrit book contains fewer pages than Hindi book. The book which contain third lowest pages contain 28 pages.

1. How many book(s) contain more pages than Science book?

- A. One B. Two C. Three D. Four E. Five

2. If Sanskrit and Computer books contain 89 pages together and Computer and English book contains 63 pages together then what is the number of pages that Sanskrit book contains?

- A. 63 pages B. 54 pages C. 70 pages D. 57 pages E. None of these

3. How many books have more pages than English book but less pages than Hindi book?

- A. None B. One C. Two D. Three E. Four

Directions : Study the following information carefully and answer the questions given below.
[Set of 2 Questions]

A certain number of persons were sitting in a row facing north such that number of persons on the right of Roop was same as the number of persons on the left of Gaur. Gaur sits on the left of Roop. Deep sits exactly in the middle of Roop and Gaur, and number of persons between Deep and Roop were twice the number of persons on the right of Roop, who was 58th from the left end.

4. How many person(s) were there in the row?

- A. 35 B. 55 C. 69 D. 72 E. Can't be determined

5. What is the position of Deep from the right end of the row?

- A. 20th B. 25th C. 30th D. 35th E. Can't be determined

Directions : Study the following information carefully and answer the questions given below.
[Set of 2 Questions]

Six persons – Sumer, Anant, Parth, Rajat, Karan and Gaurav, played in a cricket match and scored different number of runs. Sumer scored more runs than only Parth and Gaurav. Anant scored less runs than Karan, who was not highest scorer. The Second highest person scored 78 runs.

6. What of the following are the possible runs scored by Rajat?

- A. 88 B. 76 C. 55 D. 78 E. 70

7. How many person(s) scored more runs than Parth?

- A. None B. One C. Two D. Three E. More than three

Directions : Study the following information carefully and answer the questions given below.
[Set of 2 Questions]

Five persons – Ankit, Sumit, Dinesh, Nitin and Kapil, each having a different height such that Ankit is taller than Nitin and Kapil. Dinesh is shorter than only Sumit. Nitin is taller than Kapil.

8. Who among the following is third tallest?

- A. Dinesh B. Ankit C. Sumit D. Kapil E. Can't be determined

9. If the height of Nitin is 154 cm then what could be the height of Kapil?

- A. 150cm B. 156cm C. 172cm D. 164cm E. 168cm

10. In a row of some children facing north, Raju sits 15th from the left and Damu sits 9th from the left. Ramu who sits exactly between Raju and Damu, is 10th from the right. then how many children are there in the row?

- A. 18 B. 20 C. 21 D. 23 E. None of these

Correct Answers:

1	2	3	4	5	6	7	8	9	10
D	B	C	C	D	A	E	B	A	C

Common Explanation: [Set 1]


Reference:

Computer book contains fewer pages than only two books.

The book which contain third lowest pages contain 28 pages.

Inference:

After using the above hints, we have:

Order	Book	Pages
Highest		
		
	Computer	
		28
Lowest		

Reference:


English book contains more pages than Science book but less than Sanskrit book.

Science book does not contain least pages.


Sanskrit book contains fewer pages than Hindi book.

Inference:

After using the above hints, we have:

Order	Book	Pages
Highest	Hindi	
	Sanskrit	
	Computer	
	English	28
	Science	
Lowest		

At this point we can say that Maths book contains least number of pages.

Order	Book	Pages
Highest	Hindi	
	Sanskrit	
	Computer	
	English	28
	Science	
Lowest	Maths	

Answers.

1. Following the final solution we can say that four books contain more pages than Science book.

Hence, the correct answer is option **D**.

2. Following the final solution we can say that Sanskrit book contains 54 pages.

We have,

Pages in English book = 28 pages

Pages in Computer and English book = 63 pages

∴ Pages in Computer Book = 35 pages

Now, Pages in Sanskrit and Computer = 89 pages

∴ **Pages in Sanskrit Book = 54 pages**

Hence, the correct answer is option **B**.

3. Following the final solution we can say that two books have more pages in English book but less pages than Hindi book.

Hence, the correct answer is option **C**.

Common Explanation: [Set 2]

Reference:

Number of persons on the right of Roop was same as the number of persons on the left of Gaur.

Gaur sits on the left of Roop.

Deep sits exactly in the middle of Roop and Gaur

Inference:

Let's assume that number of persons on the right of Roop and on the on the left of Gaur was X, and the number of persons between Deep and Roop, and Gaur and Deep are Y. Then,

Order of persons in the row = X persons + Gaur + Y persons + Deep + Y persons + Roop + X persons

Reference:

Number of persons between Deep and Roop were twice the number of persons on the right of Roop, who was 58th from the left end.

Inference:

After using the above references, we have:

Position of Roop from left end = 58th

And, Number of persons between Deep and Roop were twice the number of persons on the right of Roop i.e. $2X = Y$.

Here, Number of persons to the left of Roop in the row = X persons + Gaur + Y persons + Deep + Y persons.

Now, $57 = X$ persons + 1 + $2X$ persons + 1 + $2X$ persons

$X = 11$ persons

Then,

Order of persons in the row = 11 persons + Gaur + 22 persons + Deep + 22 persons + Roop + 11 persons

Answers :

4. Following the final solution we can say that there were 69 persons in the row.

Hence, the correct answer is option **C**.

5. Following the final solution we can say that the position of Deep from the right end of the row is 35.

Hence, the correct answer is option **D**.

Common Explanation: [Set 3]

Reference:

Sumer scored more runs than only Parth and Gaurav.

The second highest run scorer scored 78 runs.

Inference:

After using the above hints, we have:

Score	Person	Runs
Highest		
↓		78
	Sumer	
	Parth/Gaurav	
Lowest	Gaurav/Parth	

Reference:

Anant scored less runs than Karan, who was not highest scorer.

Inference:

After using the above hints, we have:

Score	Person	Runs
Highest		
↓	Karan	78
	Anant	
	Sumer	
	Parth/Gaurav	
Lowest	Gaurav/Parth	

At this point we can say that Parth was highest scorer.

Score	Person	Runs
Highest	Rajat	
↓	Karan	78
	Anant	
	Sumer	
	Parth/Gaurav	
Lowest	Gaurav/Parth	

Answers :

6. Following the final solution we can say that 88 are the possible runs scored by Rajat.

Hence, the correct answer is option **A**.

7. Following the final solution we can say that either 4 or 5 persons scored more runs than Parth.

Hence, the correct answer is option **E**.

Common Explanation: [Set 4]

Reference:

Ankit is taller than Nitin and Kapil.

Nitin is taller than Kapil.

Inference:

After using the above hints, we have:

Order of Height:

Ankit > Nitin > Kapil

Reference:

Dinesh is shorter than only Sumit.

Inference:

After using the above hints, we have:

Order of Height:

Sumit > Dinesh > Ankit > Nitin > Kapil

Answers :

8. Following the final solution, we can say that Ankit is third tallest.

Hence, the correct answer is option **B**.

9. Following the final solution, we can say that if the height of Nitin is 154 cm then the height of Kapil can be 150 cm.

Hence, the correct answer is option **A**.

10. We have,

Raju sits 15th from the left and Damu sits 9th from the left.

Order of persons in the row = 8 persons + Damu + 5 persons + Raju

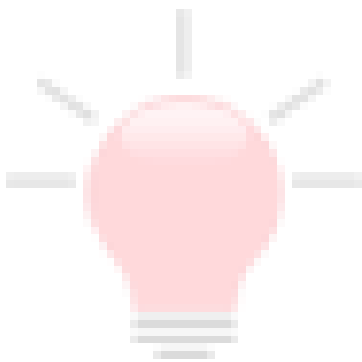
Also, Ramu who sits exactly between Raju and Damu, is 10th from the right.

Order of persons in the row = 8 persons + Damu + 2 persons + Ramu + 2 persons + Raju + 6 persons

Total persons in the row = 8 persons + 1 + 2 persons + 1 + 2 persons + 1 + 6 persons

∴ Total persons in the row = 21 persons

Hence, the correct answer is option **C**.



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