



Friends!

We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज



AKSHIT ARORA
IBPS RRB PO 2023



DHRUBAJYOTI DEB
IBPS RRB PO 2023



AKARSHAN TIWARI
IBPS RRB PO 2023



MRINAL BANERJEE
IBPS RRB PO 2023



AAKASH PATHANIA
IBPS RRB PO 2023



ARUNITA MAITRA
IBPS RRB PO & OA 2023



ANJUSHREE GHOSH
IBPS RRB PO 2023



SUMAN KUMAR
IBPS RRB PO 2023



ARNAB BOSE
IBPS RRB PO & OA 2023



PUJA KUMARI
IBPS RRB PO & OA 2023



DHAIRYA GAUR
IBPS RRB PO 2023



LALIT YADAV
IBPS RRB PO 2023

It's Your Turn Now
Take A Free Mock Test

USE CODE

FEST24 for 10% OFF

Puzzle test for IBPS PO Pre, IBPS SO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk

PUZZLE TEST QUIZ 80

Directions: Read the given information carefully and answer the questions given beside:

Five friends Paramesh, Quasim, Raghu, Sachin and Tanveer have different number of shirts with them. The number of shirts is in consecutive odd numbers starting from five, but not necessarily in the same order. It is also known that:

- I. The average number of shirts with Quasim, Raghu and Tanveer is same as the number of shirts with one of the five friends.
- II. Paramesh has lesser number of shirts than Raghu.
- III. Both Quasim and Sachin have higher number of shirts than Tanveer.
- IV. The absolute difference in the number of shirts with Paramesh and Quasim is equal to the absolute difference in the number of shirts with Raghu and Sachin.
- V. The sum of number of shirts with Paramesh and Raghu is more than that of with Tanveer and Sachin.

1. Who has 4 shirts less than Quasim?

- A. Paramesh B. Paramesh C. Sachin
D. Tanveer E. Cannot be determined

2. What is the sum of number of shirts with Paramesh and Tanveer?

- A. 16 B. 12 C. 20
D. 14 E. Cannot be determined

3. What is the absolute difference between the number of Shirts between Sachin and Quasim?

- A. 2 B. 4 C. 6
D. 8 E. Cannot be determined

4. Who has the second lowest number of shirts?

- A. Tanveer B. Quasim C. Paramesh
D. Sachin E. Cannot be determined

5. What is the number of shirts with Raghu?

- A. 7 B. 9 C. 11
D. 13 E. Cannot be determined

Correct answers:

1	2	3	4	5
D	B	A	C	D

Common Explanation

References:

Five friends Paramesh, Quasim, Raghu, Sachin and Tanveer have different number of shirts with them.

The number of shirts is in consecutive odd numbers starting from five, but not necessarily in the same order.

The average number of shirts with Quasim, Raghu and Tanveer is same as the number of shirts with one of the five friends.

Paramesh has lesser number of shirts than Raghu.

Both Quasim and Sachin have higher number of shirts than Tanveer.

Inferences:

From given statements, the number of shirts with them is 5, 7, 9, 11 and 13 (consecutive odd number)

- **The average number of Shirts with Quasim, Raghu and Tanveer is same as the number of shirts with one of them among five friends.** [So, the possible sets are (5, 7, 9), (5, 9, 13), (7, 9, 11), (9, 11, 13) but not necessarily in the same order.
- **Given: Paramesh has lesser number of Shirts than Raghu.** [Therefore Set (5, 7, 9) is not possible. Note: Here the least number is 5]

- **Given:** Both Quasim and Sachin have higher number of Shirts than Tanveer. [Therefore Set (9, 11, 13) is **not possible**, since Sachin has more shirts than Tanveer].

By using the above information, [Only possible sets are (7, 9, 11) & (5, 9, 13)]

- A. Case: 1** If the number of Shirts with Quasim, Raghu and Tanveer is (7, 9, 11), but not necessarily in the same order and Both Quasim & Sachin have more shirts than Tanveer. So the possible combinations are as follows

Note: Paramesh has lesser number of Shirts than Raghu

Names	Case (1-A)	Case (1-B)	Case (1-C)
	No. of Shirts	No. of Shirts	No. of Shirts
Paramesh	5	5	5
Quasim	11	11	9
Raghu	7	9	11
Sachin	13	13	13
Tanveer	9	7	7

- B. Case: 2** If the number of Shirts with Quasim, Raghu and Tanveer is (5, 9, 13), but not necessarily in the same order and Both Quasim & Sachin have more shirts than Tanveer. So the possible combinations are as follows

Note: Paramesh has lesser number of Shirts than Raghu

Names	Case (2-A)	Case (2-B)	Case (2-C)
	No. of Shirts	No. of Shirts	No. of Shirts
Paramesh	7	7	11
Quasim	13	9	9
Raghu	9	13	13
Sachin	11	11	7
Tanveer	5	5	5

References:

The absolute difference in the number of shirts with Paramesh and Quasim is equal to the absolute difference in the number of shirts with Raghu and Sachin.

The sum of number of shirts with Paramesh and Raghu is more than that of with Tanveer and Sachin.

Inferences:

From given statements,

A. Given, **Difference (Paramesh & Quasim) = Difference (Raghu & Sachin)**

B. Given,) **Sum (Paramesh + Raghu) > Sum (Tanveer + Sachin)**

Let us check above conditions one by one in each of the following cases (total 6 cases)

- For condition A, Case (1-A), Difference (Paramesh -5 & Quasim -11) = 11 -5 = 6. But Difference (Raghu-7 & Sachin-13) = 13-7 = 6 [**satisfied**]
- For condition B, Case (1-A), Sum (Paramesh-5 & Raghu-7) = 5 + 7 = 12 and Sum (Tanveer-9 & Sachin-13) = 9 + 13 = 22. So 12 not greater than 22. [**Not satisfied**]

Similarly check the conditions (A& B) with all cases (1-A, B, C) as follows,

Names	Case (1-A) [Eliminated] Condition B not satisfied	Case (1-B) [Eliminated] Condition A & B not satisfied	Case (1-C) [Eliminated] Condition A & B not satisfied
	No. of Shirts	No. of Shirts	No. of Shirts
Paramesh	5	5	5
Quasim	11	11	9
Raghu	7	9	11
Sachin	13	13	13
Tanveer	9	7	7

Similarly check the conditions (A& B) with all cases (2-A, B, C) as follows,

Names	Case (2-A) [Eliminated] Condition A not satisfied	Case (2-B) [Both Conditions A & B satisfied]	Case (2-C) [Eliminated] Condition A not satisfied
	No. of Shirts	No. of Shirts	No. of Shirts
Paramesh	7	7	11
Quasim	13	9	9
Raghu	9	13	13
Sachin	11	11	7
Tanveer	5	5	5

Therefore only Case (2-B) satisfies both conditions.

Thus we get the final table as follows,

Names	Case (2-B)
	No. of Shirts
Paramesh	7
Quasim	9
Raghu	13
Sachin	11
Tanveer	5

Explanations:

1.

The following common explanation, we get "Tanveer".

Quasim = 9 & Tanveer = 5, Tanveer has 4 shirts less than Quasim.

2.

The following common explanation, we get "12".

Paramesh = 7 & Tanveer = 5, Sum = $7 + 5 = 12$

Hence, option B is correct.

3.

The following common explanation, we get "2".

Sachin = 11 & Quasim = 9, Difference = $11 - 9 = 2$

Hence, option A is correct.

4.

The following common explanation, we get "Paramesh-7".

Hence, option C is correct.

5.

The following common explanation, we get "Raghu-13".

Hence, option D is correct.



Smartkeeda

The Question Bank

Presents

Testzone

India's Leading Test Series Platform

All Banks Exams

2024-25

12 Months Plan

@Just

Rs. 764

To get 10% Off use code **FEST24**

- ✓ **Brilliant Test Analysis**
- ✓ **Excellent Content**
- ✓ **Unmatched Explanation**

Buy Now

