Friends!

We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज

SOUMYADIP BISWAS
IBPS PO 2023

DHAIRYA GAUR
RRB PO 2023

TIYASA ROY
IBPS CLERK & PO 2023

MD. SHABAN
IBSP PO & CLERK 2023

BHAVANA PADALIYA
IBPS CLERK & PO 2023

KAJOL WADHWANI
IBPS PO & CLERK 2023

ESHU SINGH
SBI PO 2023

SACHIN RAI
IBPS PO & CLERK 2023

SUDHEER JANGID
RRB CLERK 2023

VRINDA AGARWAL
SBI PO 2023

SHREYA MAHENDRA MOON
IBPS PO 2023

ANSH GULATI
IBPS PO & CLERK 2023
SBI PO & RRB CLERK 2023

It's Your Turn Now

Take A Free Mock Test

USE CODE **FEST24** for 10% OFF

Puzzle Test Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, Syndicate Bank PO, Canara Bank PO, IBPS SO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 153

Directions: Study the following information carefully and answer the questions given beside:

Six students – P, Q, R, S, T and U got different marks in Maths test. No two students got same marks.

The maximum marks were 100 and no student obtained full marks. P's marks were just higher than that of Q, whose marks are perfect cube. Only two students got higher marks than Q. The difference between the marks of R and Q is 22. T's marks are half of the marks secured by R. R's marks are in even number. U received higher marks than only S, who received 23 marks. U's marks were 7 more than the difference between the marks secured by T and S. The sum of the marks secured by all the students was 320.

1. P's marks were how much more than that of Q?

A. 10 B. 13 C. 4 D. 12 E. None of these

2. Which of the following is true?

A. P's marks were a prime number.
B. R's marks were divisible by 4.
C. U's marks were a perfect cube.
D. None is true.
E. All are true.

3. Which of the following combinations is wrongly matched?

A. U - 25 B. Q - 64 C. S - 23 D. T - 43 E. R - 86

4. What is the difference between the marks of the students who obtained highest and third lowest marks?

A. 40 B. 23 C. 25 D. 43 E. None of these

5. Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the group?

A. P B. S C. T D. U E. Q

Smartkeeda
The Question Bank

Correct Answers:

1	2	3	4	5
B	C	A	D	E

For more PDFs join us on Telegram
CLICK HERE
SBI, RBI, IBPS, RRB, SSC, NIACL, EPFO, UGC NET, LIC, RAILWAY, CLAT, RJS

Smartkeeda
The Question Bank

COMMON EXPLANATION:

Reference:

The maximum marks were 100 and no student obtained full marks.
P's marks were just higher than that of Q, whose marks are perfect cube.
Only two students got higher marks than Q.

Inference:

With the first hint it is clear that even the person securing highest marks did not get 100 marks.
With respect to second and third hints it is clear that Q received the third highest marks and P received the second highest marks.
The possible marks for Q are 8, 27 and 64.

Reference:

The difference between the marks of R and Q is 22.
R's marks are in even number.

Inference:

With the given hints it is clear that Q's marks are 64, only then second hint would get satisfied.
R's marks could be 22 less than that of Q or more than.

Smartkeeda
The Question Bank

Students	Case-1	Case-2
	Marks	Marks
Q	64	64
P		
R	42	86

Reference:

U received higher marks than only S, who received 23 marks.
T's marks are half of the marks secured by R.

Inference:

With respect to the first hint it is clear that S received the lowest and U received the second lowest marks.
T's marks were less than that of R and we know that P and Q received second and third highest marks respectively.

__ > P > Q > T > U > S

Thus the only left person R must have got the highest marks. With this we can say that Case-1 fails.

Students	Case-1 [Eliminated]	Case-2
	Marks	Marks
Q	64	64
P		
R	42	86
T		43
U		
S		23

Reference:

U's marks were 7 more than the difference between the marks secured by T and S.
The sum of the marks secured by all the students was 320.

Inference:

As per first hint, the marks secured by U are 27.
At present the sum of marks obtained by all the students except P is 243.
So the marks obtained by P is 320 – 243 = 77.

Students	Case-2
	Marks
Q	64
P	77
R	86
T	43
U	27
S	23

Smartkeeda
The Question Bank

For more PDFs join us on Telegram
CLICK HERE
SBI, RBI, IBPS, RRB, SSC, NIACL, EPFO, UGC NET, LIC, RAILWAY, CLAT, RJS

Answers :

1. The following common explanation, we get

P's marks were 13 more than that of Q.

Hence option B is correct.

2. The following common explanation, we get "**Only I and II**".

U received 27 marks, which is a perfect cube of 3.

Hence option C is correct.

3. The following common explanation, we get

U - 25 is the wrongly matched combination.

Hence option A is correct.

Smartkeeda
The Question Bank

4. The following common explanation, we get

The difference between the marks of the students who obatined highest and third lowest marks is 43.

Hence option D is correct.

5. The following common explanation, we get

Q is the odd one out because marks received by Q is even number.

Hence option E is correct.

For more PDFs join us on Telegram
CLICK HERE
SBI, RBI, IBPS, RRB, SSC, NIACL, EPFO, UGC NET, LIC, RAILWAY, CLAT, RJS

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