SmartKeeda
The Question Bank

Presents

TestZone

India's least priced Test Series platform

JOIN

12 Month Plan
2017-18 All Test Series

@ Just

₹399/-
300+ Full Length Tests

- ☑ **Brilliant Test Analysis**
- ☑ **Excellent Content**
- ☑ **Unmatched Explanations**

JOIN NOW

Date Interpretation Table Chart Questions for Bank Clerk Mains and PO Pre Exams.

DI Table Chart Quiz 32

Direction: Study the following table carefully and answer the questions based on it.

Number of accounts opened (in hundred) in four banks in various months

Bank	May	June	July	Aug	Sept	Oct	Nov	Dec
SBI	25	28	35	65	55	62	80	90
BOB	22	18	32	30	45	55	50	60
Canara	30	45	50	35	40	48	72	85
PNB	35	42	45	50	60	65	75	78

1. In which of the following months is the average of the number of opened accounts the maximum?

A. Nov   B. Oct   C. Aug   D. July   E. Sept

2. The number of accounts opened in Sept is approximately what per cent more or less than the number of accounts opened in May?

A. 44%   B. 42%   C. 40%   D. 43%   E. None of these

3. What is the ratio of the number of accounts opened in SBI to that opened in BOB from May to Dec?

A. 37 : 39   B. 37 : 41   C. 39 : 50   D. 55 : 39   E. 29 : 55

4. In which bank is the average number of accounts opened the maximum?

A. SBI and BOB   B. Canara   C. BOB   D. BOB and PNB   E. PNB

5. The average number of accounts opened in Canara is what per cent more or less than the average number of accounts opened in BOB? (approximation)

A. 19%   B. 17%   C. 20%   D. 25%   E. 23%

Correct Answers:

1	2	3	4	5
A	E	D	E	E

Explanations:

1.

The average number of accounts in Nov. $= \dfrac{80 + 50 + 72 + 75}{4} = \dfrac{277}{4} = 69.25$

The average number of accounts in Oct. $= \dfrac{62 + 55 + 48 + 65}{4} = \dfrac{230}{4} = 57.5$

The average number of accounts in Aug. $= \dfrac{65 + 30 + 35 + 50}{4} = \dfrac{180}{4} = 45$

The average number of accounts in July $= \dfrac{35 + 32 + 50 + 45}{4} = \dfrac{162}{4} = 40.5$

The average number of accounts in Sep. $= \dfrac{55 + 45 + 40 + 60}{4} = \dfrac{200}{4} = 50$

Therefore, in Nov the average number of accounts opened is the maximum.
Hence, option A is correct.

2.   The total number of accounts opened in Sept. = 55 + 45 + 40 + 60 = 200

The total number of accounts opened in May = 25 + 22 + 30 + 35 = 112

∴ Reqd. % = $\dfrac{200 - 112}{112} \times 100$

= $\dfrac{88}{112} \times 100 = 78.57 \approx 79\%$

Hence, option E is correct.

3.   Number of accounts opened in SBI from May to Dec. = 25 + 28 + 35 + 65 + 55 + 62 + 80 + 90 = 440

Number of accounts opened in BOB from May to Dec. = 22 + 18 + 32 + 30 + 45 + 55 + 50 + 60 = 312

Reqd. ratio = $\dfrac{440}{312} = 55 : 39$

Hence, option D is correct.

4. Total number of accounts opened in SBI = 25 + 28 + 35 + 65 + 55 + 62 + 80 + 90 = 440

∴ Avg. no. accounts in SBI = $\frac{440}{8}$ = 55

The average number of accounts opened in BOB = 22 + 18 + 32 + 30 + 45 + 55 + 50 + 60 = 312

∴ Avg. no. accounts in BOB = $\frac{312}{8}$ = 39

The average number of accounts opened in Canara = 30 + 45 + 50 + 35 + 40 + 48 + 72 + 85 = 405

∴ Avg. no. accounts in Canara = $\frac{405}{8}$ = 50.625

The average number of accounts opened in PNB = 35 + 42 + 45 + 50 + 60 + 65 + 75 + 78 = 450

∴ Avg. no. accounts in PNB = $\frac{450}{8}$ = 56.25

Therefore, in PNB the average number of accounts opened is the maximum.

Hence, option E is correct.

5. The average number of accounts opened in Canara = 30 + 45 + 50 + 35 + 40 + 48 + 72 + 85 = 405

∴ Avg. no. accounts in Canara = $\frac{405}{8}$ = 50.625

The average number of accounts opened in BOB = 22 + 18 + 32 + 30 + 45 + 55 + 50 + 60 = 312

∴ Avg. no. accounts in BOB = $\frac{312}{8}$ = 39

Reqd. % = $\frac{50.625 - 39}{50.625} \times 100 = \frac{11.625}{50.625} \times 100 = 22.96 \approx 23\%$

Hence, option E is correct.

SmartKeeda
The Question Bank

प्रस्तुत करते हैं

TestZone
भारत की सबसे किफायती टेस्ट सीरीज़

अभी जुड़ें

12 Month Plan
2017-18 All Test Series

@ Just

₹399/-
300+ फुल लेन्थ टेस्ट

☑ श्रेष्ठ विश्लेषण
☑ उत्कृष्ट विषय सामग्री
☑ बेजोड़ व्याख्या

अभी जुड़ें