



मिशन BANK 2023

MATHS

सरलीकरण SIMPLIFICATION

पिछली परीक्षा में पूछे गए प्रश्नों के आधार पर

BANK की सभी परीक्षाओं हेतु उपयोगी

BY MATHS GURU



● LIVE

3:00 PM

VBODMAS

$16 \text{ of } (8 - 2) - 4 = ?$
 $128 \div 2 - 4 = ?$



➤ The word **VBODMAS** represents the order of calculation i.e. order of signs.

$16 - 8 + 4$

V = VINCULUM MEANS BAR BRACKET AS ($\bar{\quad}$)

B = BRACKET (), { }, []

$64 - 4$

O = OF

60

D = DIVISION (\div)

M = MULTIPLICATION (X)

A = ADDITION (+)

S = SUBTRACTION (—)



Question Type : singlechoice

QUESTION 1

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$?^2 + \underline{65^2} = \underline{160^2} - \underline{90^2} - 7191$$

(CRP CLERK PRE 2019)

- (1) 78
 (2) 45
 (3) 21
 (4) 67
 (5) None of these

Handwritten solution in red ink:

$$?^2 + 4225 = 25600 - 8100 - 7191$$

$$?^2 = 25600 - 19516 = 6084$$

$$? = \sqrt{6084} = 78$$

Additional handwritten notes: $(160)^2$, $(90)^2$, 6×7 , 4225 , 25600 , 8100 , 7191 , 19516 , 6084 , 78 .

0 Answered 0 Not Answered
 100 Not Visited 0 Marked for Review
 0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Mark for Review & Next

Clear Response

Save & Next



Question Type : singlechoice

QUESTION 1

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$?^2 + 65^2 = 160^2 - 90^2 - 7191$$

(CRP CLERK PRE 2019)

(1) 78

(2) 45

(3) 21

(4) 67

(5) None of these

1 Answered 1 Not Answered
98 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



1	Answered	1	Not Answered
98	Not Visited	0	Marked for Review
0	Answered & Marked for Review		

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit



हल कीजिये/Solve It

$$\cancel{333.33} + \cancel{33.33} + \cancel{13} + \cancel{0.33} + \cancel{0.03} = ?$$

(LIC ASSISTANT 2019)

(1) 367.87

(2) 320.76

(3) 456.89

(4) 385.90

(5) ~~None of these~~

380.02

Mark for Review & Next

Clear Response

Save & Next



Question Type : singlechoice

QUESTION 2

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$333.33 + 33.33 + 13 + 0.33 + 0.03 = ?$$

(LIC ASSISTANT 2019)

(1) 367.87

(2) 320.76

(3) 456.89

(4) 385.90

(5) None of these

2 Answered 1 Not Answered
97 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next

$$(a^n)^m = a^{nm}$$



Question Type : singlechoice

QUESTION 3 Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$(243)^2 \div (27)^2 \times 36 \div 12 = 9?$ (SBI PO PRE 2019)

- (1) 1/5
- (2) 5/2
- (3) 7/4
- (4) 7/6
- (5) None of these

$$3 \times 3 \times 3 \times 3 \times 3$$

$$a^n = a^1$$



$$(3^5)^2 - (3^3)^2 \times 3$$

$$3^{10} - 3^6 \times 3 = 3^{2n}$$

$$3^{10-6+1} = 3^{2n}$$

$$3^5 = 3^{2n} \Rightarrow$$

$$2n = 5 \\ n = 5/2$$

2 Answered 1 Not Answered

97 Not Visited 0 Marked for Review

0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



हल कीजिये/Solve It

$$(243)^2 \div (27)^2 \times \underline{36 \div 12} = 9?$$

(SBI PO PRE 2019)

(1) 1/5

(2) 5/2

(3) 7/4

(4) 7/6

(5) None of these

$$10 - 6 + 1 = 2 \times$$

3	Answered	1	Not Answered
96	Not Visited	0	Marked for Review
0	Answered & Marked for Review		

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



हल कीजिये/Solve It

$$\frac{91 \div 13 \text{ of } 7 + 99}{625 - 6 \times 10^2}$$

BODMAS

(RRB clerk PRE 2019) ✓



$$\frac{91 \div 91 + 99}{625 - 600} = \frac{1 + 99}{25} = \frac{100}{25} = 4$$

(1) 12

(2) 4 ✓

(3) 7

(4) 15

(5) None of these

3 Answered 1 Not Answered
96 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit



Question Type : singlechoice

QUESTION 4

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$\frac{91 \div 13 \text{ of } 7 + 99}{625 - 6 \times 10^2}$$

(RRB clerk PRE 2019)

(1) 12

(2) 4

(3) 7

(4) 15

(5) None of these

4 Answered 1 Not Answered
95 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



4	Answered	1	Not Answered
95	Not Visited	0	Marked for Review
0	Answered & Marked for Review		

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next

हल कीजिये/Solve It

$$\frac{(5+5+5) \div 5}{5+5+5 \div 5} = ?$$

(Practice Question)

- (1) 1/11
 (2) 2/11
 (3) 3/11 ✓
 (4) 5/11
 (5) None of these

✓
 BODMAS

$$15 = 5$$



$$3/11$$



Question Type : singlechoice

QUESTION 5

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$\frac{(5+5+5) \div 5}{5+5+5 \div 5} = ? \quad (\text{Practice Question})$$

- (1) 1/11
- (2) 2/11
- (3) 3/11 ✓
- (4) 5/11
- (5) None of these

5 Answered 1 Not Answered
94 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next

मिशन BANK 2023

QUANTITATIVE APTITUDE

Question Type : singlechoice

QUESTION 6

Right mark: 1 Negative mark: 0.25



हल कीजिये/Solve It

150% of 460 + 24% of 650 = ?

(IBPS CLERK PRE 2021)

- (1) 650
- (2) 460
- (3) 156
- (4) 690
- (5) None of these

$\frac{1}{100}$

156 $\frac{144}{12}$
156

12 × 13

15 × 46 + 24 × 650

~~690~~ + ~~156~~

= 846

5 Answered 1 Not Answered

94 Not Visited 0 Marked for Review

0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



Question Type : singlechoice

QUESTION 6

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$150\% \text{ of } 460 + 24\% \text{ of } 650 = ?$$

(IBPS CLERK PRE 2021)

(1)650

(2)460

(3)156

(4)690

(5) None of these

6 Answered 1 Not Answered
93 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question



Submit

Mark for Review & Next

Clear Response

Save & Next



Question Type : singlechoice

QUESTION 7

Right mark: 1 Negative mark: 0.25

BODMAS

$6^2 = 36$ $9^2 = 81$
 $7^2 = 49$
 $5^2 = 25$

~~$\sqrt{7569}$~~ 87×9
 72

हल कीजिये/Solve It

$\sqrt{7569} \div 12 \times 104 = (?)^2 + (23)^2$
(SBI CLERK PRE 2021)



- (1) 15 ✓
- (2) 20
- (3) 25
- (4) 18
- (5) None of these

$87 - 12 \times 104 = ?^2 + 529$

$725 \times 104 = ?^2 + 529$

$754 - 529 = ?^2$

$225 = ?^2$

$? = \sqrt{225}$

15

6 Answered 1 Not Answered

93 Not Visited 0 Marked for Review

0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



Question Type : singlechoice

QUESTION 7

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$\sqrt{7569} \div 12 \times 104 = (?)^2 + (23)^2$$

(SBI CLERK PRE 2021)

(1)15

(2)20

(3)25

(4)18

(5) None of these

7 Answered 1 Not Answered
92 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APTITUDE

Choose a Question

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30		

Submit

Mark for Review & Next

Clear Response

Save & Next



7 Answered 1 Not Answered
92 Not Visited 0 Marked for Review
0 Answered & Marked for Review

QUANTITATIVE APT.

Choose a Question



Submit

Right mark: 1 Negative mark: 0.25

हल कीजिये/Solve It

$$6 \times \sqrt{3969} - 45\% \text{ of } 680 + 1872 \div 26 = ?$$

(SBI CLERK PRE 2021)



(1) 189

(2) 156

(3) 124

(4) 144 ✓

(5) None of these

$$\begin{aligned}
 &= 6 \times 63 - \frac{45 \times 680}{100} + 1872 \div 26 \\
 &= 378 - 306 + 72 \\
 &= 72 + 72 \\
 &= 144
 \end{aligned}$$