

IMPORTANT SIMPLIFICATION QUESTIONS



ALL BANKING EXAMS

Simplification

1. $\frac{1}{4} \times (4856 \times 0.5) \times 12 = ?$

- a) 7624
- b) 7425
- c) 7512
- d) 7284

Correct Answer: **option d**

2. $6156 \div \sqrt{?} \times 53 = 4028$

- a) 6731
- b) 6561
- c) 6741
- d) 6531

Correct Answer: **option b**

3. $70\% \text{ of } 1680 + ?\% \text{ of } 1750 = 55\% \text{ of } 2820 - 886$

- a) 5671
- b) 5765
- c) 5461
- d) None of these

Correct Answer: **option d**

4. $326 \times 14 - 12 \times 88 + (49)^2 = ?$

- a) 5909
- b) 5431
- c) 9021
- d) 6542

Correct Answer: **option a**

5. $(5.25 \times 6 \times 4) \div 7 - 2 = ?^2$

- a) 1
- b) 2
- c) 4
- d) 7

Correct Answer: **option c**

6. $[(\sqrt{2401} + \sqrt{625})] - (29 + 5) \div 4 = ?^{1/2}$

- a) 100
- b) 105
- c) 102
- d) None of these

Correct Answer: **option a**

7. $?^2 - 18.75 - 11.25 = 9.09\% \text{ of } 396 + 295$

- a) 18
- b) 19
- c) 20
- d) 21

Correct Answer: **option b**

8. $36^3 \times \sqrt{4096} \times 72 \times 18 \div (9^3 \times 72^2) = 4^?$

- a) 9
- b) 1
- c) 5
- d) 7

Correct Answer: **option c**

9. $333.44 + 33.4444 + 3.444 + 3333.4 = ?$

- a) 3703.245
- b) 3709.265
- c) 3701.234
- d) 3703.7284

Correct Answer: **Option c**

10. $(3469.24 + 1209.53 - 2046.27) = ?^2 + 2551.5$

- a) - 2
- b) 10
- c) 4
- d) -9

Correct Answer: **option d**

11. $(913 + 329 + 522 + 343) / (18 + 24 - X + 18) = 43$

- a) 3
- b) 11
- c) 8
- d) None of these

Correct Answer: **option b**

12. $323.46 + 23.04 - 43.17 - ? = 303$

- a) 4.33
- b) 1.33
- c) 2.33
- d) 0.33

Correct Answer: **option c**

13. ? % of $(152 \div 19 \times 45) = 126$

- a) 35
- b) 31
- c) 45
- d) 21

Correct Answer: **option a**

14. $(12121 \div 100) + (42424 \div 50) = ?$

- a) 965.21
- b) 901.23
- c) 978.21
- d) 969.69

Correct Answer: **option d**

15. 145% of 342 – 684% of 22.5 = ?

- a) 314
- b) 342
- c) 213
- d) 382

Correct Answer: **option b**

16. $(455.678 + 246.895 - 111.87) = ? \frac{1}{3} + 500.703$

- a) 80
- b) 23008
- c) 729000
- d) 12

Correct Answer: **option c**

17. $(7770 \div 70) + (1500 \div 25) + (1008 \div 28) + 2152 = ?$

- a) 2378
- b) 212
- c) 2189
- d) 2359

Correct Answer: **option d**

18. $(474552)^{1/3} - (6084)^{1/2} + 68 - 7.8 = ?$

- a) 60.2
- b) 23.90
- c) 61.21
- d) 60.6

Correct Answer: **option a**

19. $22.5\% \text{ of } 754 - 17.5\% \text{ of } 884 = ? + \sqrt{676} - 19.65$

- a) 8.6
- b) 2.3
- c) 7.1
- d) None of these

Correct Answer: **option a**

20. $13 \frac{2}{3} \% \text{ of } 3300 + 25\% \text{ of } 184 = 40\% \text{ of } ?$

- a) 671
- b) 321
- c) 1321.4
- d) 1242.5

Correct Answer: **option d**

21. $8125 \div 13 \div 2 \frac{1}{2} \times 102 = ?$

- a) 12500
- b) 25000
- c) 50000
- d) None of these

Correct Answer: **option b**

22. $6992 \div 19 - ?\% \text{ of } 652 = -4196$

- a) 800
- b) 320
- c) 700
- d) 210

Correct Answer: **option c**

23. $20\% \text{ of } 27 + 40\% \text{ of } 64 - ? = 0$

- a) 25
- b) 51.20
- c) 21.90
- d) 35

Correct Answer: **option b**

24. $(4.5 \times 4.5 \times 4.5 \times 4.5) \div 225 \div 25 + 3^3 = ?$

- a) 2707.29
- b) 277.29
- c) 27.0729
- d) 277.092

Correct Answer: **option c**

25. $38.4\% \text{ of } 1450 + 78.2\% \text{ of } 240 - ?2 = 20\% \text{ of } 77.4$

- a) 27
- b) 26
- c) 23
- d) None of these

Correct Answer: **option a**

26. $(2.89)^4 \div (4913 \div 1000)^3 \times (0.17 \times 10)^3 = (1.7)^{?-3}$

- a) 6
- b) 10
- c) 3
- d) 5

Correct Answer: **option d**

27. $47.008 - 20.998 + \sqrt{256.01} = ? * 2.0001$

- a) 21
- b) 38
- c) 40
- d) 10

Correct Answer: **option a**

28. $1.980 * 4.059 + 14.0101 * 3.009 - 4.003 * 6.001 = ?$

- a) 45
- b) 26
- c) 21
- d) 36

Correct Answer: **option b**

29. $396 \div 33 \times 15 + 670 = ?(33) + 454$

- a) 80
- b) 341
- c) 12
- d) None of these

Correct Answer: **option c**

30. $221 \div 23.6 \times 94.4 \div 169 \div 17 = ? \div 91$

- a) 241
- b) 10
- c) 21
- d) 28

Correct Answer: **option d**

31. $146\% \text{ of } 950 - 46\% \text{ of } 1850 = 8 \times ?$

- a) 67
- b) 21
- c) 89
- d) 213

Correct Answer: **option a**

32. $(550/25) \times (2232/17) \times (2074/9) = ? \times 22$

- a) 1411
- b) 1311
- c) 1321
- d) 1421

Correct Answer: **option b**

33. $10^{7.5} \times 10^{4.5} \div 10^2 = 10^?$

- a) 6
- b) 10
- c) 8
- d) 11

Correct Answer: **option b**

34. $(225.3 \times 3)^{1/2} + (981 \div 9)^2 = 7371 + ?$

- a) 2134
- b) 5689
- c) 2365
- d) 4536

Correct Answer: **option d**

35. $636 \times 5 \div 6 + 221 \div 17 \times 13 = ? + 210$

- a) 143
- b) 489
- c) 109
- d) 312

Correct Answer: **option b**

36. $4^{12} \times 2^8 \div 16^3 = 16^{?+3} \times 2^4$

- a) 14
- b) 67
- c) 1
- d) 32

Correct Answer: **option c**

37. $11.92^2 + 16.01^2 = ?^2 \times 3.85^2$

- a) 12
- b) 2
- c) 0
- d) 5

Correct Answer: **option d**

38. $42\% \text{ of } 580 + 3/7 \text{ of } 2030 - 37\% \text{ of } 670 = ?$

- a) 865.0
- b) 865.7
- c) 871.2
- d) 862.3

Correct Answer: **option b**

39. $(4 \times 4)^3 \div (512 \div 8)^4 \times (32 \times 8)^4 = (2 + 2)^{?+4}$

- a) 8
- b) 6
- c) 12
- d) None of these

Correct Answer: **option b**

40. $(15.25)^2 + (0.50)^2 - (65.65)^2 + (26.67)^2 - (18.98)^2 = ?$

- a) -3726
- b) -3298
- c) -2134
- d) 6751

Correct Answer: **option a**

41. 11.11% of 27.27% of 8.33% of 3564

- a) 5
- b) 1
- c) 2
- d) 9

Correct Answer: **option d**

42. $27^{2.5} \times ((243)^3)^? = 3^{22.5}$

- a) 7
- b) 4
- c) 1
- d) 8

Correct Answer: **option c**

43. $(5/22)$ of $2706 + 10 = ? \times 25$

- a) 12
- b) 25
- c) 100
- d) None of these

Correct Answer: **option b**

44. $[(135)^2 \div 15 \times 39] \div ? = 60 \times 52$

- a) 23.4
- b) 16.1
- c) 13.2
- d) 15.19

Correct Answer: **option d**

45. $6^3 \times 3^4 \div 9^3 + ?^2 = 7^2$

- a) 5
- b) 19
- c) 23
- d) 31

Correct Answer: **option a**

46. $70\% \text{ of } 1680 + ?\% \text{ of } 1750 = 55\% \text{ of } 2820 - 886$

- a) 25
- b) 34
- c) 21
- d) None of These

Correct Answer: **option d**

47. $(10)^2 + (7)^3 + (243)^{1/5} = ?^2 + 5$

- a) 8
- b) 45
- c) 21
- d) 50

Correct Answer: **option c**

48. $(0.0625)^4 \times 0.125 \div (0.5)^9 = (0.5)^? \div 0.25$

- a) 12
- b) 32
- c) 78
- d) 45

Correct Answer: **option a**

49. $0.8 \times 888 \div 80 \times 18 = ?$

- a) 345
- b) 786
- c) 231
- d) 159.84

Correct Answer: **option d**

50. $87.5 \times 32.4 \times 4.1 = ? \times 1.6 \times 43.75$

- a) 178.23
- b) 163.63
- c) 185
- d) 431

Correct Answer: **option b**

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Q51. 3.2% of $500 \times 2.4\%$ of $? = 288$

- (a) 650
- (b) 700
- (c) 600
- (d) 750
- (e) 850

Answer: D

Q52. $(-251 \times 21 \times (-12)) \div ? = 158.13$

- (a) 250
- (b) 400
- (c) 300
- (d) 15
- (e) 18

Answer: B

Q53. $[(130)^2 \div 25 \times 15] \div 30 = ?$

- (a) 352
- (b) 314
- (c) 326
- (d) 338
- (e) 426

Answer: D

Q54. $\sqrt{\sqrt{4900}} + \sqrt{5476} = ?$

- (a) 576
- (b) 144
- (c) 256
- (d) 16
- (e) 12

Answer: E

Q55. $(6.5\% \text{ of } 375) - (0.85\% \text{ of } 230) = ?$

- (a) 23.42
- (b) 24.24
- (c) 21.64
- (d) 25.76
- (e) 22.42

Answer: A

Q56. $39.998\% \text{ of } 440.005 + ?\% \text{ of } 654.889 = 229.81$

- (a) 8
- (b) 17
- (c) 12
- (d) 5
- (e) 20

Answer: C

Q57. 40.012% of $599.87 - 250.17 = ? - 79.88\%$ of 900.11

- (a) 700
- (b) 705
- (c) 710
- (d) 730
- (e) 740

Answer: D

Q58. $324.996 \times 15.98 \div 4.004 + 36.876 = ? \%$ of 6699.98

- (a) 25
- (b) 15
- (c) 28
- (d) 20
- (e) 12

Answer: D

Q59. 63.8% of $8899.78 + ? \%$ of $5300.11 = 6849.889$

- (a) 22
- (b) 36
- (c) 15
- (d) 12
- (e) 30

Answer: A

Q60. $363.72 - 269.21 + 49.987$ of $11.89 \div (19.9\%$ of $80.1) = ?$

- (a) 118
- (b) 139
- (c) 124
- (d) 133
- (e) 142

Answer: D

Q61. $\{18.99^2 - 27.05^2 + (1399.95 + 59.85)\} \div ? = 39$

- (a) 18
- (b) 22
- (c) 28
- (d) 35
- (e) 20

Answer: C

Q62. $(21.97\%$ of $899.5) + ? + (39.77\%$ of $309.76) = 481$

- (a) 117
- (b) 189
- (c) 159
- (d) 195
- (e) 205

Answer: C

Q63. 9.89% of $650.11 + 32.1 \times 2799 \div 399.8 - ? = 155$

- (a) 134
- (b) 117
- (c) 142
- (d) 151
- (e) 111

Answer: A

Q64. $?^2 + 114.09 - 24.06 \times 4.98 = 163.19$

- (a) 5
- (b) 7
- (c) 9
- (d) 11
- (e) 13

Answer: E

Q65. $323 \times 15 + (?)^2 = 4989$.

- (a) 12
- (b) 11
- (c) 13
- (d) 14
- (e) 17

Answer: A

Q66. $5760 \div 45 \times 15 = ?$

- (a) 1850
- (b) 1875
- (c) 1920
- (d) 1925
- (e) 1970

Answer: C

Q67. 81% of $2300 - 34\%$ of $550 = ?$

- (a) 1574
- (b) 1676
- (c) 1624

(d) 1596

(e) 1723

Answer: B

Q68. $25639 - 5252 - 3232 = ?$

- (a) 17254
- (b) 16154
- (c) 17155
- (d) 16255
- (e) 17815

Answer: C

Q69. 27% of 450 – ?% of 375 = 76.5

- (a) 12
- (b) 13
- (c) 14
- (d) 11
- (e) 19

Answer: A

Q70. $311 \times 17 = ? + 2482$

- (a) 2605
- (b) 2715
- (c) 2905
- (d) 2805
- (e) 2875

Answer: D

Q71. $1615 \div (50 \times 0.85) = ?$

- (a) 35
- (b) 34
- (c) 38
- (d) 37
- (e) 28

Answer: C

Q72. $4.4 + 14.44 + 41.14 = ? - 14.41 - 1.4$

- (a) 74.21
- (b) 75.79
- (c) 76.19
- (d) 78.79
- (e) 73.79

Answer: B

Q73. 81% of 2300 - ? = 34% of 596

- (a) 1751.36
- (b) 1680.36
- (c) 1791.36
- (d) 1660.36
- (e) 1691.36

Answer: D

Q74. $(7921 \div 178) - 5.5 = \sqrt{(?)}$

- (a) 39
- (b) 1369
- (c) 1521
- (d) 1225
- (e) 1444

Answer: C

Q75. $5431 + 4687 - 8462 = ?$

- (a) 1565
- (b) 1656
- (c) 1645
- (d) 1675
- (e) 1640

Answer: B

Q76. $31\% \text{ of } 500 + 41\% \text{ of } 1100 - 50\% \text{ of } 790 = ?$

- (a) 230
- (b) 221
- (c) 211
- (d) 255
- (e) 237

Answer: C

Q77. $1107 \div 9 \times 6 + 236 - 874 = ?$

- (a) 110
- (b) 105
- (c) 100
- (d) 120
- (e) 112

Answer: C

Q78. $5 \div 50 + 55 \div 5500 + 555 \div 555000 = ?$

- (a) 1.111
- (b) 0.111

- (c) 0.125
- (d) 0.134
- (e) 0.452

Answer: B

Q79. $276.3 + 343.8 + 545.3 - 873.4 = ?$

- (a) 292
- (b) 397
- (c) 289
- (d) 277
- (e) 281

Answer: A

Q80. $15 \times 6 + 75 - 95 = ? + 40$

- (a) 25
- (b) 35
- (c) 30
- (d) 40
- (e) 45

Answer: C

Q81. $36460 + 53750 = ? + 85450$

- (a) 4190
- (b) 4590
- (c) 4760
- (d) 4390
- (e) 4490

Answer: C

Q82. $65\% \text{ of } 500 + ?\% \text{ of } 350 = 500$

- (a) 40
- (b) 55
- (c) 45
- (d) 50
- (e) 60

Answer: D

Q83. $55\% \text{ of } 1400 + ?^2 + 282 = (12)^3$

- (a) 28
- (b) 24
- (c) 26
- (d) 36
- (e) 16

Answer: C

Q.84 $20\% \text{ of } 450 + 30\% \text{ of } 300 = ? \times 3$

- 1. 58
- 2. 68
- 3. 60
- 4. 54
- 5. 48

Answer: 3

Q85. $? \times 120\% \times 50\% \times 200 = ? \times 112.5$

- 1. 4
- 2. 6
- 3. 2
- 4. 5
- 5. 2

Answer: 5

Q86. $190 + 170 - 219 + ? = 278$

- 1. 112
- 2. 124
- 3. 110
- 4. 108
- 5. 137

Answer: 5

Q87. $(45 \times 20 \div 10 + 21) \div 3 = ?$

1. 900
2. 1369
3. 961
4. 1264
5. 1225

Answer: 2

Q88. $3600 \div 72 \times 4 + 574 - 378 = ?$

1. 596
2. 498
3. 496
4. 898
5. 449

Answer: 3

Q89. $0.006 \times 0.02 \times 0.0036 \div (0.06 \times 0.004) = x$

1. 0.018
2. 0.0018
3. 0.18
4. 1.8
5. 18

Answer: 2

Q90. of $(418 - 394) + 762 = x + 247$

1. 662
2. 695
3. 643
4. 638
5. 613

Answer: 4

Q91. $(3.03 + 7.07)^2 - x = 5 \times 1.04 \times 6.8$

1. 66.65
2. 65.66
3. 61.13
4. 72.17
5. 59.15

Answer: 1

Q92. $\times 20 = x$

1. 940
2. 952
3. 960
4. 950
5. 980

Answer: 3

Q93. What approximate value will come in the place of question mark (?) in the following question? $5.997 \times 21.659 + 369.2502 = ?$

1. 500
2. 655
3. 625
4. 502
5. 575

Answer: 4

Q94. What approximate value will come in the place of question mark (?) in the following question? $39.093\% \text{ of } 304.806 + 51.0025\% \text{ of } 510.357 - 173.76 = ?$

1. 326
2. 192
3. 251
4. 203
5. 119

Answer: 4

Q95. What should come in the place of question mark (?) in the following questions? $84368 + 65466 - 72009 - 13964 = ?$

1. 61481
2. 62921
3. 63861
4. 64241
5. None of these

Answer: 3

Q96. What should come in the place of question mark (?) in the following questions? $?/52 \times 9 = 324/ ?$

1. 404
2. 408
3. 410
4. 414
5. 416

Answer: 4

Q97. What should come in the place of question mark (?) in the following questions? $33^{7.8} \times 33^{1.2} \div 33^5 = 33 \times 33^?$

1. 2.8
2. 3
3. 3.2
4. 4
5. 6

Answer: 2

Q98. What should come in the place of question mark (?) in the following questions? $12\% \text{ of } 555 + 15\% \text{ of } 666 = ?$

1. 166.5
2. 167.5
3. 168.5
4. 169.5
5. None of these

Answer: 1

Q99. What should come in the place of question mark (?) in the following questions? $\frac{7}{5} \text{ of } 58 + \frac{3}{8} \text{ of } 139.2 = ?$

1. 133.4
2. 137.2
3. 127.8
4. 131.6
5. None of these

Answer: 1

Q100. What approximate value will come in the place of question mark (?) in the following question? $(32.298 \times 10.025 \div 15.012 + 31.99) \div 2.26 = \sqrt{?}$

1. 784
2. 689
3. 676
4. 729
5. 900

Answer: 4

Q101. What approximate value will come in the place of question mark (?) in the following question? $(15.0159 / 8.167) \times 104.0102\% \times 49.9025\% \times 240.0125 = ? \times 12.158$

1. 14
2. 16
3. 21
4. 15
5. 18

Answer: 5

Q102. What approximate value will come in the place of question mark (?) in the following question? $24.0423\% \text{ of } 449.759 + 31.9025\% \text{ of } 300.0234 = ? \times 3.010$

1. 58
2. 68
3. 63
4. 54
5. 48

Answer: 2

Q103. What approximate value will come in the place of question mark (?) in the following question? $124.856 \div 1.25 + ?^2 - 42.0156 = 139.0235$

1. 7
2. 5
3. 9
4. 11
5. 8

Answer: 3

Q104. What approximate value will come in the place of question mark (?) in the following question? $499.998 + 12.003 \times 13.5 - 160.365 = ? + 54.023$

1. 438
2. 437
3. 548
4. 448
5. 540

Answer: 4

Q105. What approximate value will come in the place of question mark (?) in the following question? $5\frac{1}{8} \text{ of } (5471.926 - 5408.002) + 762.985 = x + 246.886$

1. 762
2. 795
3. 843
4. 892
5. 913

Answer: 3

Q106. What approximate value will come in the place of question mark (?) in the following question? $(20.13)^2 + (12.96)^2 - (19.11)^2 = ?$

1. 203
2. 213
3. 208
4. 218
5. 212

Answer: 3

Q107. What approximate value will come in the place of question mark (?) in the following question? $(\frac{?}{4}) + 42.01 + 129.99 = 68.09 + 229.01 + 76.99$

1. 860
2. 920
3. 790
4. 808
5. 735

Answer: 4

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