

# SRI KRISHNAVENI BANKING COACHING CENTRE

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Subject : Arithmetic

General Simplifications

Directions : (1-10):What should come in place of the question mark (?) in the following questions ?

1.  $(786 \times 64) \div 48 = ?$

1. 1050      2. 1024      3. 1048  
4. 1036      5. None of these

2.  $3^x = 864$

1. 1296      2. 1156      3. 1600  
4. 1024      5. None of these

3. 60% of 20% of  $\frac{1}{3}$  of  $? = 450$

1. 6200      2. 6240      3. 6150  
4. 6275      5. None of these

4.  $196 \times 948 \div 158 = ?$

1. 1156      2. 1200      3. 1188  
4. 1176      5. None of these

5.  $3.5 + 11.25 \times 4.5 - 32.5 = ?$

1. 18.275      2. 21.625      3. 32.375  
4. 25.45      5. None of these

6.

1. 36      2. 48      3. 32  
4. 44      5. None of these

7.  $(98360 + 25845 - 36540) \div 2500 = ?$

1. 36.585      2. 30.082      3. 32.085  
4. 35.066      5. None of these

8.  $7414 + 3698 + 1257 + 1869 = ?$

1. 14328      2. 14438      3. 13428  
4. 13248      5. None of these

9.  $(91)^2 + (41)^2 - \quad = 9858$

1. 11236      2. 10816      3. 10404  
4. 9604      5. None of these

10.  $(2640 \div 48) \times (22410 \div 35) = ?$

1. 3520      2. 3515      3. 3495  
4. 3490      5. None of these

11.  $(8.2\% \text{ of } 365) - (1.75\% \text{ of } 108) = ?$

1. 16.02      2. 28.04      3. 42.34  
4. 53.76      5. None of these

12.  $[(135)^2 \div 15 \times 32] \div ? = 45 \times 24$

1. 18      2. 24      3. 36  
4. 44      5. None of these

13.  $(96)^2 + (63)^2 = (?)^2 - (111)^2 - 8350$

1. 33856      2. 30276      3. 174  
4. 184      5. None of these

14.  $4368 + 2158 - 596 - ? = 3421 + 1262$

1. 1066      2. 1174      3. 1247  
4. 1387      5. None of these

15.  $2172 \div ? = 1832 - 956 - 514$

1. 6      2. 8      3. 10  
4. 12      5. None of these

16.  $666.06 + 66.60 + 0.66 + 6.06 + 6 + 60 = ?$

1. 819.56      2. 805.38      3. 826.44  
4. 798.62      5. None of these

17.  $15.594 - 4.312 - 3.517 - 1.689 = ?$

1. 6.706      2. 6.760      3. 6.670  
4. 6.607      5. None of these

18.  $205 \times ? \times 13 = 33625 + 25005$

1. 22      2. 27      3. 33      4. 39      5. None of these

19.  $69 \div 3 \times 0.85 + 14.5 - 3 = ?$

1. 36.45      2. 23.85      3. 42.95      4. 18.65      5. None of these

20.  $(10)^{24} \times (10)^{-21} = ?$

1. 3      2. 10      3. 100      4. 1000      5. None of these

Directions (21-40): What approximate value should come in place of question mark (?) in the following questions ? (You are not expected to calculate the exact value).

21.  $(935.82)^2 = ?$

1. 870000      2. 867500      3. 888800      4. 875800      5. 899800

22.  $628.306 + 6.1325 \times 44.0268 = ?$

1. 820      2. 970      3. 1050      4. 1175      5. 900

23.  $(739\% \text{ of } 383) \div 628 = ?$

1. 10.00      2. 4.50      3. 15.75      4. 19.25      5. 24.15

24.  $(9795 + 7621 + 938) \div (541 + 831 + 496) = ?$

1. 9      2. 13      3. 17      4. 23      5. 29

25.  $814296 \times 36 = ? \times 96324$

1. 326      2. 272      3. 304      4. 358      5. 260

26.  $\quad \times \quad = ?$

1. 575      2. 570      3. 586      4. 550      5. 579

27.  $37.35 + 13.064 \times 3.46 = ?$

1. 89      2. 83      3. 76      4. 79      5. 85

28.  $(4863 + 1174 + 2829) \div 756 = ?$

1. 18      2. 16      3. 12      4. 9      5. 22

29.  $54 \times 746 \div 32 = ?$

1. 1259      2. 1268      3. 1196      4. 1248      5. 1236

30.  $[(1.5)^2 \times (3.2)^2 \div 2.3] = ?$

1. 6      2. 4      3. 12      4. 10      5. 16

31.  $25\% \text{ of } 1245 + ?\% \text{ of } 718 = 420.$

1. 15      2. 18      3. 22      4. 20      5. 11

32.  $18.95 \times 5.001 + ? - 15.99 = 200$

1. 1550      2. 1580      3. 1600      4. 1500      5. 1680

33.  $1992.1111 \times 789.0001 \times 11.999 = ?$

1. 10460      2. 11460      3. 11990      4. 12460      5. 12390

34.  $3.999 \times 12.0001 + 76.0007 - 9.5 = ?$

1. 13      2. 48      3. 56      4. 28      5. 50

35.  $108 \div 48 \text{ of } \quad \times 3 = ?$

1. 8      2. 6      3. 2      4. 10      5. None of these

36.  $447.75 \div 28 \times 4.99 = ?$

1. 60      2. 70      3. 72      4. 80      5. 75

37.  $(3.5)^2 \times 19.25 + ? = 275$

1. 15      2. 20      3. 30      4. 28      5. 40

38.  $85\% \text{ of } 225 + 32.91 \times 5.01 = ?$

1. 340      2. 355      3. 375      4. 345      5. 370

39.  $(15.96)^2 + 75\% \text{ of } 285 = ?$

1. 435      2. 485      3. 440      4. 420      5. 470

40.  $1679 \div 14.95 \times 5.02 = ?$

1. 540      2. 525      3. 545      4. 565      5. 520.

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### GENERAL SIMPLICATIONS KEY SHEET

1) 3	2) 1	3) 5	4) 4	5) 2	6) 3	7) 4	8) 5	9) 2	10) 1	11) 2	12) 3	13) 4	14) 3	15) 1
16) 2	17) 5	18) 1	19) 5	20) 4	21) 4	22) 5	23) 2	24) 1	25) 3	26) 5	27) 2	28) 3	29) 1	30) 4
31) 1	32) 5	33) 2	34) 3	35) 4	36) 4	37) 3	38) 2	39) 5	40) 4					

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