

SBI CLERK PRE - NUMERICAL ABILITY SET
(BASED ON MEMORY)

Directions (1-5) : What should come in place of the question mark (?) in the following questions?

1. $\sqrt{1521} \div 3 \times 12 = ?$
1) 158 2) 165 3) 167 4) 156 5) None of these
2. $672 \div 24 \times 18 + 153 - 345 = ?$
1) 318 2) 324 3) 314 4) 308 5) None of these
3. $\frac{3}{4}$ of 26% of 850 = ?
1) 165.75 2) 160.35 3) 163.75 4) 167.75 5) None of these
4. $144 \div 8 \div ? = 9$
1) 3 2) 2 3) 4 4) 6 5) None of these
5. ?% of 590 - 11.8 = 236
1) 48 2) 45 3) 42 4) 41 5) None of these
6. What is the value of three fourth of sixty per cent of 480?
1) 216 2) 218 3) 212 4) 214 5) None of these
7. The height of 5 boys is recorded as, 146 cm, 154 cm, 164 cm, 148 cm and 158 cm. What is the average height of all these boys?
1) 152 cm 2) 158 cm 3) 156 cm 4) 154 cm 5) None of these
8. Pravin purchased 25 kg of rice at the rate of ₹ 45 per kg and 12 kg of pulses at the rate of ₹ 28 per kg. What is the total amount that he paid to the shopkeeper?
1) ₹ 1,466 2) ₹ 1,416 3) ₹ 1,461 4) ₹ 1,471 5) None of these
9. If one man or three women or five boys can do a piece of work in 46 days then how many days will one man, one woman and one boy together take to complete the same piece of work?
1) 30 days 2) 32 days 3) 35 days 4) 40 days 5) None of these
10. The perimeter of a rectangle is 60 cm and its breadth is 12 cm. What is the area of the rectangle?
1) 261 cms² 2) 263 cms² 3) 213 cms² 4) 216 cms² 5) None of these

Directions (11-15) : What should come in place of the question mark (?) in the following questions?

11. $(8)^2 \% \text{ of } ? = 723 + 45$
1) 1200 2) 1400 3) 1100 4) 1020 5) None of these
12. $5554 - 333 + 45 = ? + 2525$
1) 2174 2) 2417 3) 2714 4) 2741 5) None of these
13. $3\frac{1}{4} + 2\frac{1}{2} + 6\frac{1}{6} = ?$

- 1) $13\frac{11}{12}$ 2) $11\frac{11}{12}$ 3) $12\frac{11}{12}$ 4) $15\frac{11}{12}$ 5) None of these
14. $(450 \div 30)^2 - (12)^2 = (?)^2$
 1) 9^2 2) -9^2 3) $\sqrt{9}$ 4) 81 5) None of these
15. $56.73 + 32.88 + 45.23 = ?$
 1) 130.84 2) 134.84 3) 140.84 4) 144.84 5) None of these
16. The speed of a truck is $\frac{1}{3}$ rd the speed of a train. The train covers 1230 km in 5 hours. What is the speed of the truck?
 1) 85km./hr 2) 82 km./hr 3) 81 km./hr 4) 87 km./hr 5) None of these
17. What approximate value should come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value).
 $\sqrt{343} = ?$
 1) 18 2) 38 3) 58 4) 78 5) 98
18. Bina's monthly income is 90% of Anita's monthly income. The total of both their monthly incomes is Mr Sen's monthly income. Mr Sen's annual income is ₹ 7,75,200. What is Bina's monthly income?
 1) ₹ 34,000 2) ₹ 36,000 3) ₹ 30,600 4) ₹ 30,000 5) None of these

Directions (Q. 19-23): Study the following table carefully to answer the questions that follow: Numbers (N) of Six types of Electronic Products Sold by Six different stores in a month and the price per product (P) (price in Rs 000) charged by each Store.

Store	A		B		C		D		E		F	
	N	P	N	P	N	P	N	P	N	P	N	P
L	54	135	48	112	60	104	61	124	40	136	48	126
M	71	4.5	53	3.8	57	5.6	49	49	57	5.5	45	4.7
N	48	12	47	18	52	15	54	11.5	62	10.5	56	11
O	52	53	55	48	48	50	54	49	59	47	58	51
P	60	75	61	68	56	92	44	84	46	76	59	78
Q	43	16	44	15	45	14.5	48	15.6	55	18.2	55	14.9

19. The number of L type products sold by Store F is what per cent of the number of the same type of products sold by Store E?
 1) 76.33 2) 124 3) 83.33 4) 115 5) None of these
20. What is the ratio of the total number of N and L type products together sold by Store D and that of the same products sold by Store A?
 1) 119 : 104 2) 102 : 115 3) 104 : 115 4) 117 : 103 5) None of these
21. What is the average price per product charged by all the Stores together for Product Q?
 1) Rs 14,700 2) Rs 15,700 3) Rs 15,200 4) Rs 14,800 5) None of these
22. What is the difference in the amount earned by Store A through the sale of P type products and that earned by Store B through the sale of Q type products?
 1) Rs 38.4 lakhs 2) Rs 0.384 lakh 3) Rs 3.84 lakhs 4) Rs 384 lakhs 5) None of these
23. What is the total amount earned by Store C through the sale of M and O type products together?
 1) Rs 2719.2 lakhs 2) Rs 271.92 lakhs 3) Rs 2.7192 lakhs

- 4) Rs 27.192 lakhs 5) None of these
24. A train crossed a platform in 43 seconds. The length of the train is 170 metres. What is the speed of the train?
1) 233 km./hr 2) 243 km./hr 3) 265 km./hr 4) Cannot be determined 5) None of these
25. If a number is multiplied by three-fourth of itself, the value thus obtained is 10800. What is that number?
1) 210 2) 180 3) 120 4) 160 5) 140
26. If the three fourth of a number is subtracted from the number; the value so obtained is 163. What is that number?
1) 625 2) 562 3) 632 4) 652 5) None of these
27. What will be the compound interest accrued on a sum of ₹ 35000 at the rate of 8 p.c.p.a in 2 years?
1) ₹ 5,884 2) ₹ 5,284 3) ₹ 5,524 4) ₹ 5,428 5) None of these

Directions (Q. 28-32): What will come in place of the question mark (?) in the following number series?

28. 1 7 49 343 (?)
1) 16807 2) 1227 3) 2058 4) 2401 5) None of these
29. 13 20 39 78 145 (?)
1) 234 2) 244 3) 236 4) 248 5) None of these
30. 12 35 81 173 357 (?)
1) 725 2) 715 3) 726 4) 736 5) None of these
31. 3 100 297 594 991 (?)
1) 1489 2) 1479 3) 1478 4) 1498 5) None of these
32. 112 119 140 175 224 (?)
1) 277 2) 276 3) 287 4) 266 5) None of these
33. It is required to get 40% marks to pass an exam. A candidate scored 200 marks and failed by 8 marks. What were the maximum marks of that exam?
1) 530 2) 540 3) 502 4) Cannot be determined 5) None of these
34. The sum of five consecutive numbers is 190. What is the sum of the largest and the smallest number?
1) 75 2) 77 3) 76 4) 73 5) None of these
35. The area of a square is twice the area of a circle. The area of the circle is 392 cm². What is the length of the side of the square?
1) 28 cm 2) 26 cm 3) 24 cm 4) 22 cm 5) None of these