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ALLAHABAD BANK CLERK EXAM SOLVED
QUESTION PAPER 2011- NUMERICAL ABILITY

Directions—(Q. 1–25) What will come in place of the question mark (?) in the following questions ?

1. $\sqrt{342 + 463 + 420} = ?$
(A) 43 (B) 45
(C) 33 (D) 35
(E) None of these
2. $561 \cdot 33 + 455 \cdot 71 + 672 \cdot 13 = ?$
(A) 1686.45 (B) 1683.29
(C) 1688.34 (D) 1689.17
(E) None of these
3. $(48 + 97) \times (1 \cdot 32 + 1 \cdot 08) = ?$
(A) 345 (B) 348
(C) 342 (D) 346
(E) None of these
4. $32341 + 52187 + 12234 - 72438 = ?$
(A) 24324 (B) 24326
(C) 24322 (D) 24325
(E) None of these
5. $\sqrt{324} + \sqrt{3136} = ? - (7)^2$
(A) 127 (B) 125
(C) 122 (D) 123
(E) None of these
6. $28 \times 447 - 942 = ?$
(A) 11573 (B) 11577
(C) 11574 (D) 11575
(E) None of these
7. $0.8 \times 888 \div 80 \times 18 = ?$
(A) 158.33 (B) 159.84
(C) 156.87 (D) 154.78
(E) None of these
8. $\frac{1}{5}$ th of $\frac{3}{4}$ th of $\frac{2}{5}$ th of 2550 = ?
(A) 153 (B) 156
(C) 158 (D) 155
(E) None of these
9. $87 \cdot 93 + 21 \cdot 55 + 45 \cdot 21 = ?$
(A) 154.69 (B) 155.87
(C) 153.64 (D) 152.73
(E) None of these
10. $7776 \times (216)^3 \div (36)^2 = (6)^? \times 36$
(A) 6 (B) 8
(C) 10 (D) 9
(E) None of these
11. $5544 + 6767 - 3443 = ?$
(A) 8860 (B) 8888
(C) 8866 (D) 8868
(E) None of these
12. $\frac{21}{25} \times \frac{75}{56} \times \frac{32}{33} = ?$
(A) $3\frac{1}{11}$ (B) $1\frac{3}{11}$
(C) $1\frac{1}{11}$ (D) $2\frac{1}{11}$
(E) None of these
13. $\frac{5}{7} + \frac{2}{3} - \frac{2}{7} = ?$
(A) $1\frac{1}{21}$ (B) $1\frac{2}{21}$
(C) $2\frac{1}{21}$ (D) $2\frac{2}{21}$
(E) None of these
14. $\sqrt[3]{1728} = ? - 7$
(A) 17 (B) 18
(C) 21 (D) 22
(E) None of these
15. 42% of 12% of $\frac{1}{4}$ th of 15000 = ?
(A) 188 (B) 182
(C) 185 (D) 187
(E) None of these
16. 12% of 150 + 62% of 800 = ?
(A) 516 (B) 518
(C) 515 (D) 514
(E) None of these
17. $\frac{4}{5}$ th of 38% of 600 - 15.4 = ?
(A) 169 (B) 163
(C) 165 (D) 168
(E) None of these
18. $60 \times \frac{8}{15} = ?$
(A) 34 (B) 36
(C) 38 (D) 33
(E) None of these
19. $72 \times 4.3 \times 0.8 = ?$
(A) 245.34 (B) 247.68
(C) 249.24 (D) 243.56
(E) None of these
20. $7 \cdot 14 + 3 \cdot 29 + 9 \cdot 43 + 8 \cdot 19 = ?$
(A) 27.03 (B) 28.05
(C) 25.05 (D) 29.03
(E) None of these
21. $56835 - 12683 + 38934 = ?$
(A) 83085 (B) 83083
(C) 83088 (D) 83086
(E) None of these
22. $4244 \div 4 + 4554 \div 9 = ?$
(A) 1567 (B) 1569
(C) 1563 (D) 1568
(E) None of these
23. $\sqrt{20164} = ?$
(A) 143 (B) 145
(C) 142 (D) 144
(E) None of these
24. $15 \times 28 \times ? = 5040$
(A) 12 (B) 18
(C) 14 (D) 16
(E) None of these
25. $(18)^2 + (14)^2 - (21)^2 = ?$
(A) 78 (B) 75
(C) 77 (D) 73
(E) None of these
26. What is the least number that can be added to 5300 to make it a perfect square ?
(A) 25 (B) 33
(C) 29 (D) 36
(E) None of these
27. 46% of number is 115. What is 150% of that number ?
(A) 370 (B) 385
(C) 365 (D) 360
(E) None of these
28. Meera had a certain amount, she gave 15% of that amount to Anish, 32% to Rubina and 25% to Sana. $\frac{3}{4}$ th the remaining amount is ₹ 8,400. How much did she give Anish ?
(A) ₹ 6,000 (B) ₹ 6,200
(C) ₹ 6,400 (D) ₹ 7,000
(E) None of these
29. In how many different ways can the letters of the word 'TRENDS' be arranged ?
(A) 720 (B) 120
(C) 740 (D) 5040
(E) None of these

30. If the following fractions are arranged in an ascending order (from left to right), which of them will be second from the left end ?

$$\frac{2}{7}, \frac{3}{13}, \frac{5}{11}, \frac{7}{15}, \frac{4}{9}$$

- (A) $\frac{3}{13}$ (B) $\frac{2}{7}$
 (C) $\frac{5}{11}$ (D) $\frac{4}{9}$
 (E) $\frac{7}{15}$
31. Four years ago the ratio between the ages of Taani and Ananya was 4 : 5 respectively. The ratio between their present ages is 14 : 17 respectively. What will be Ananya's age 5 years hence ?
 (A) 34 years (B) 33 years
 (C) 38 years (D) 28 years
 (E) None of these
32. Find the average of the following set of scores—
 495, 321, 673, 553, 235, 723
 (A) 530 (B) 550
 (C) 500 (D) 520
 (E) None of these
33. The average of five numbers is 56.4. The average of the first and the second number is 53. The average of the fourth and the fifth number is 56. What is the third number ?
 (A) 63 (B) 62
 (C) 67 (D) 68
 (E) None of these
34. What will be the compound interest accrued on a principle amount of ₹ 32,000 at the rate of 11 p.c.p.a. after a period of 2 years ?
 (A) ₹ 7429.5 (B) ₹ 7423.8
 (C) ₹ 7426.7 (D) ₹ 7427.2
 (E) None of these
35. The side of a square is 2 cm less than the length of a rectangle and the breadth of the rectangle is 5 cm less than the side of the square. The area of the square is 324 sqs. cm. What is the area of the rectangle ?
 (A) 250 sq. cm
 (B) 260 sq. cm
 (C) 254 sq. cm
 (D) 258 sq. cm
 (E) None of these
36. A car covers 232 km in 4 hours. The average speed of a bike is 50% more than the average speed of the car. How much distance will the bike cover in 6 hours ?
 (A) 524 km (B) 528 km
 (C) 522 km (D) 526 km
 (E) None of these
- Directions—(Q. 37–39)** The following questions are based on the given information—
 A man sold 8500 articles in a span of four days. He sold 26% articles on day one. 25% articles on day 2 and 32% articles on day 3. The remaining articles were sold on day 4.
37. How many articles were sold on day 2 and day 3 together ?
 (A) 4845 (B) 4844
 (C) 4843 (D) 4848
 (E) None of these
38. How many articles were sold on day 4 ?
 (A) 1448 (B) 1454
 (C) 1452 (D) 1444
 (E) None of these
39. What is the difference between the number of articles sold on day 1 and day 3 ?
 (A) 512 (B) 515
 (C) 520 (D) 518
 (E) None of these
40. Koel scored 49 marks in English, 37 marks in Science, 45 marks in Mathematics, 53 marks in Hindi and 55 marks in Social studies. The maximum marks a student can score in each subject is 70. How much **approximate** per centage did Koel get in this exam ?
 (A) 53 (B) 79
 (C) 68 (D) 73
 (E) 88
- Directions—(Q. 41–45)** What **approximate** value should come in place of the question mark (?) in the following questions ?
 (Note : You are not expected to calculate the exact value.)
41. $1.992 \times 24.998 \times 49.987 = ?$
 (A) 2000 (B) 1500
 (C) 1000 (D) 2500
 (E) 3000
42. $20.002 \times 39.996 \times 0.499 = ?$
 (A) 300 (B) 450
 (C) 550 (D) 400
 (E) 500
43. $\sqrt{5623} = ?$
 (A) 95 (B) 75
 (C) 55 (D) 35
 (E) 115
44. $2001.14 \div 54.89 \times 9.899 = ?$
 (A) 420 (B) 300
 (C) 330 (D) 390
 (E) 360
45. $3569 \div 19 = ?$
 (A) 185 (B) 155
 (C) 205 (D) 255
 (E) 115
- Directions—(Q. 46–50)** What should come in place of the question mark (?) in the following number series ?
46. 17, 19, 23, 29, 37, ?
 (A) 46 (B) 49
 (C) 47 (D) 48
 (E) 45
47. 900, 899, 891, 864, 800, ?
 (A) 695 (B) 685
 (C) 665 (D) 675
 (E) 655
48. 4, 32, 224, 1344, 6720, ?
 (A) 26885 (B) 26880
 (C) 26882 (D) 26888
 (E) 26883
49. 56, 54, 58, 50, 66, ?
 (A) 34 (B) 98
 (C) 38 (D) 94
 (E) 44
50. 655, 637, 622, 610, 601, ?
 (A) 598 (B) 593
 (C) 595 (D) 597
 (E) 594

Answers: Numerical Ability

1	(D)	26	(C)
2	(D)	27	(E)
3	(B)	28	(A)
4	(A)	29	(A)
5	(D)	30	(B)
6	(C)	31	(E)
7	(B)	32	(C)
8	(A)	33	(E)
9	(A)	34	(D)
10	(B)	35	(B)
11	(D)	36	(C)
12	(C)	37	(A)
13	(B)	38	(E)
14	(E)	39	(E)
15	(E)	40	(C)
16	(D)	41	(D)
17	(E)	42	(D)
18	(E)	43	(B)
19	(B)	44	(E)
20	(B)	45	(A)
21	(D)	46	(C)
22	(A)	47	(D)
23	(C)	48	(B)
24	(A)	49	(A)
25	(E)	50	(C)