



J A G R A N
Josh
your guide to success

WWW.JAGRANJOSH.COM

ORIENTAL BANK OF
COMMERCE CLERK EXAM
(NUMERICAL ABILITY) SOLVED
QUESTION PAPER 2011

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

1. $\sqrt{1521} \div 3 \times 12 = ?$
(A) 158 (B) 165
(C) 167 (D) 156
(E) None of these
2. $672 \div 24 \times 18 + 153 - 345 = ?$
(A) 318 (B) 324
(C) 314 (D) 308
(E) None of these
3. $\frac{3}{4}$ of 26% of 850 = ?
(A) 165.75 (B) 160.35
(C) 163.75 (D) 167.75
(E) None of these
4. $144 \div 8 \div ? = 9$
(A) 3 (B) 2
(C) 4 (D) 6
(E) None of these
5. ?% of 590 – 11.8 = 236
(A) 48 (B) 45
(C) 42 (D) 41
(E) None of these
6. $(8)^{2\%}$ of ? = 723 + 45
(A) 1200 (B) 1400
(C) 1100 (D) 1020
(E) None of these
7. $5554 - 333 + 45 = ? + 2525$
(A) 2174 (B) 2417
(C) 2714 (D) 2741
(E) None of these
8. $3\frac{1}{4} + 2\frac{1}{2} + 6\frac{1}{6} = ?$
(A) $13\frac{11}{12}$ (B) $11\frac{11}{12}$
(C) $12\frac{11}{12}$ (D) $15\frac{11}{12}$
(E) None of these
9. $(450 \div 30)^2 - (12)^2 = (?)^2$
(A) 9^2 (B) -9^2
(C) $\sqrt{9}$ (D) 81
(E) None of these
10. $56.73 + 32.88 + 45.23 = ?$
(A) 130.84 (B) 134.84
(C) 140.84 (D) 144.84
(E) None of these
11. $5^2 \times 25^3 \times 625 = (5)^?$
(A) 11 (B) 10
(C) 13 (D) 12
(E) None of these
12. $5^2 \times 255 + 5 - 1116 = ?$
(A) 149 (B) 147
(C) 159 (D) 157
(E) None of these
13. $(\sqrt{5} - 1)^2 = ? - 2\sqrt{5}$
(A) 6 (B) $6 + 2\sqrt{5}$
(C) $6\sqrt{5}$ (D) $6 - 2\sqrt{5}$
(E) None of these
14. $? \times \frac{7}{12} \times \frac{5}{7} \times \frac{1}{2} = 2500$
(A) 14000 (B) 13000
(C) 12000 (D) 11000
(E) None of these
15. $556 - 441 + 223 - 112 = ?$
(A) 262 (B) 222
(C) 226 (D) 266
(E) None of these
16. $168 \div 14 \div 3 = ?$
(A) 5 (B) 4
(C) 2 (D) 6
(E) None of these
17. $9999 - 3434 - 2525 + 1313 = ?$
(A) 3535 (B) 5353
(C) 5335 (D) 3553
(E) None of these
18. $3\frac{2}{3} \times 4\frac{1}{3} \times 1\frac{4}{7} \div \frac{11}{12} = ?$
(A) $27\frac{4}{21}$ (B) $26\frac{5}{21}$
(C) $27\frac{5}{21}$ (D) $26\frac{4}{21}$
(E) None of these
19. $\sqrt{5^2 \times 7^2 + 12^2} = ?$
(A) 37 (B) 35
(C) 36 (D) 34
(E) None of these
20. 35% of 180 – $\sqrt{49} = ?$
(A) 62 (B) 55
(C) 58 (D) 67
(E) None of these
21. $19.673 - 12.235 + 15.224 + 10.111 = ?$
(A) 32.773 (B) 37.223
(C) 33.772 (D) 34.773
(E) None of these
22. $(343 - 103) \div (216 \div 36) = ?$
(A) 30 (B) 40
(C) 32 (D) 42
(E) None of these
23. $(0.027)^2 \times (0.09)^2 \div (0.3)^6 = (0.3)^?$
(A) 3 (B) 2
(C) 5 (D) 6
(E) None of these
24. $\sqrt{961} + \sqrt{784} + \sqrt{49} = ?$
(A) 65 (B) 67
(C) 63 (D) 66
(E) None of these
25. 35% of 740 – 35% of 520 = ?
(A) 78 (B) 71
(C) 75 (D) 77
(E) None of these
26. What is the value of three-fourth of sixty per cent of 480 ?
(A) 216 (B) 218
(C) 212 (D) 214
(E) None of these

27. 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 ?
(A) 152 cm (B) 158 cm
(C) 156 cm (D) 154 cm
(E) None of these
28. 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 ?
(A) ₹ 1466 (B) ₹ 1416
(C) ₹ 1461 (D) ₹ 1471
(E) None of these
29. 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 ?
(A) 30 days (B) 32 days
(C) 35 days (D) 40 days
(E) None of these
30. The perimeter of a rectangle is 60 cm and its breadth is 12 cm. What is the area of the rectangle ?
(A) 261 cm² (B) 263 cm²
(C) 213 cm² (D) 216 cm²
(E) None of these
31. 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 ?
(A) 85 km/hr (B) 82 km/hr
(C) 81 km/hr (D) 87 km/hr
(E) None of these
32. What approximate value should come in place of the question mark (?) in the following question ? (You are not expected to calculate the exact value)
 $\sqrt{343} = ?$
(A) 18 (B) 38
(C) 58 (D) 78
(E) 98
33. Bina's monthly income is 90% of Ania'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 ?
(In some cases annual income is asked and in some cases monthly income is asked)
(A) ₹ 34,000 (B) ₹ 36,000
(C) ₹ 30,600 (D) ₹ 30,000
(E) None of these
34. A train crossed a platform in 43 second. The length of the train is 170 metre. What is the speed of the train ?
(A) 233 km/hr
(B) 243 km/hr
(C) 265 km/hr
(D) Cannot be determined
(E) None of these
35. If a number is multiplied by three-fourth of itself, the value thus obtained is 10800. What is that number ?
(A) 210 (B) 180
(C) 120 (D) 160
(E) 140
36. If the three-fourth of a number is subtracted from the number, the value so obtained is 160. What is that number ?
(A) 625 (B) 562
(C) 632 (D) 652
(E) None of these
37. What will be the compound interest accrued on a sum of ₹ 35000 at the rate of 8 p.c.p.a. in 2 years ?
(A) ₹ 5,884 (B) ₹ 5,284
(C) ₹ 5,524 (D) ₹ 5,428
(E) None of these
38. 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 ?
(A) 530
(B) 540
(C) 502
(D) Cannot be determined
(E) None of these
39. The sum of five consecutive numbers is 190. What is the sum of the largest and the smallest number ?
(A) 75 (B) 77
(C) 76 (D) 73
(E) None of these
40. 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 ?
(A) 28 cm (B) 26 cm
(C) 24 cm (D) 22 cm
(E) None of these
41. Sushil runs four kilometre every day. On Saturday and Sunday he runs one kilometre extra (on each day). How many kilometres does he run in 2 weeks ?
(A) 40 km (B) 60 km
(C) 50 km (D) 70 km
(E) None of these
42. The angles in a triangle are in a ratio of 19 : 10 : 7. What is the sum of twice the smallest angle and the largest angle ?
(A) 165° (B) 185°
(C) 155° (D) 175°
(E) None of these
43. In how many different ways can the letters of the word 'TABLE' be arranged ?
(A) 360 (B) 720
(C) 60 (D) 180
(E) None of these
- Directions—(Q. 44–43) What will come in place of the question mark (?) in the following series ?**
44. 3, 4, 13, 38, 37, ?
(A) 178 (B) 108
(C) 158 (D) 186
(E) None of these
45. 150, 148, 144, 136, 120, ?
(A) 89 (B) 86
(C) 88 (D) 83
(E) None of these
46. 11, 16, 26, 41, 61, ?
(A) 66 (B) 72
(C) 78 (D) 86
(E) None of these
47. Yesterday, a man covered a distance of 360 km in 8 hours by a car. Today he travelled at a speed $\frac{1}{3}$ times than yesterday's speed for 10 hours. How much distance did he cover ?
(A) 150 km (B) 160 km
(C) 140 km (D) 130 km
(E) None of these

48. One of the angles of a parallelogram is 35° . What will be the sum of the largest angle and twice the smallest angle of the parallelogram ?
- (A) 219°
(B) 205°
(C) 215°
(D) Cannot be determined
(E) None of these
49. Out of the following fractions which one is the second lowest ?
- $$\frac{3}{5}, \frac{6}{11}, \frac{7}{18}, \frac{5}{16}, \frac{8}{11}$$
- (A) $\frac{6}{11}$ (B) $\frac{7}{18}$
(C) $\frac{3}{5}$ (D) $\frac{8}{11}$
(E) None of these
50. Satish bought an article and sold it for ₹ 4,550 which is 30% more than the original price. What is the original price of that article ?
- (A) ₹ 3,500 (B) ₹ 3,800
(C) ₹ 3,600 (D) ₹ 3,400
(E) None of these

Answers: Numerical Ability

1	(D)
2	(E)
3	(A)
4	(B)
5	(C)
6	(A)
7	(D)
8	(B)
9	(E)
10	(B)
11	(D)
12	(C)
13	(A)
14	(C)
15	(C)
16	(B)
17	(B)
18	(C)
19	(A)
20	(E)
21	(A)
22	(B)
23	(E)
24	(D)
25	(D)

26	(A)
27	(D)
28	(C)
29	(A)
30	(D)
31	(B)
32	(A)
33	(C)
34	(D)
35	(C)
36	(D)
37	(E)
38	(E)
39	(C)
40	(A)
41	(B)
42	(A)
43	(E)
44	(E)
45	(C)
46	(D)
47	(A)
48	(C)
49	(B)
50	(A)