

Test Paper

- 1) $? \div 0.5 \times 24 = 5652$
 a) 171.75 b) 117.25 c) 171.25
 d) 117.25 e) None of these
- 2) $5 \times ? = 4808 \div 8$
 a) 122.2 b) 112.2 c) 120.2
 d) 102.2 e) None of these
- 3) $65\% \text{ of } 654 - ?\% \text{ of } 860 = 210.1$
 a) 25 b) 15 c) 20
 d) 30 e) None of these
- 4) $35154 - 20465 - 5201 = ?$
 a) 9488 b) 9844 c) 9484
 d) 9848 e) None of these
- 5) $\frac{8}{13} \div \frac{192}{559} = ?$
 a) $1\frac{19}{24}$ b) $4\frac{19}{28}$ c) $2\frac{17}{28}$
 d) $3\frac{17}{2}$ e) None of these
- 6) $243 \times 124 - 25340 = ?$
 a) 4729 b) 4792 c) 4972
 d) 4927 e) None of these
- 7) $92 \div 8 \div 2 = ?$
 a) 4.75 b) 5.75 c) 4.25
 d) 5.25 e) None of these
- 8) $(121)^3 \times 11 \div (1331)^2 = 11^?$
 a) 3 b) 2 c) 1
 d) 0 e) None of these
- 9) $283.56 + 142.04 + 661.78 = ?$
 a) 1084.28 b) 1087.28 c) 1080.38
 d) 1082.48 e) None of these
- 10) $7028 \div 25 = ?$
 a) 218.12 b) 281.21 c) 218.21
 d) 282.12 e) None of these
- 11) $390.5 \times \sqrt{?} = 284 \times 22$
 a) $(256)^2$ b) 16 c) $\sqrt{16}$
 d) 256 e) None of these
- 12) $12.5 \times 8.4 \times 7.6 = ?$
 a) 787 b) 788 c) 799
 d) 789 e) None of these
- 13) $4477 \div (44 \times 5.5) = ?$
 a) 24.5 b) 21.5 c) 16.5
 d) 18.5 e) None of these
- 14) $33.5\% \text{ of } 250 = ?$
 a) 76.25 b) 82.25 c) 78.75
 d) 83.75 e) None of these
- 15) $\frac{1}{2} \text{ of } \frac{3}{5} \text{ of } \frac{4}{9} \text{ of } 5820 = ?$
 a) 766 b) 777 c) 776
 d) 767 e) None of these
- 16) $-[\{92 \div 184\} \times 1.5] < (?)$
 a) -0.7 b) -0.753 c) -0.8
 d) -0.75 e) None of these
- 17) $17) [\{84 - (3)^2\} \times 10] > (?)$
 a) $\sqrt{784}^2$ b) $(28)^2$ c) 750
 d) 751.5 e) 749.9
- 18) $[85 - \{58 - 76\}] \geq (?)$
 a) -103 b) $\sqrt{103}$ c) ± 51.5
 d) $(51.5)^2$ e) ± 103
- 19) $-[\{\sqrt{324} - \sqrt{256}\} \times -4.5] = (?)$
 a) -7 b) 8 c) -8
 d) 9 e) -9
- 20) $\pm[\{81 \div 6\} + \{45 \div 2\}] \leq (?)$
 a) $\sqrt{36}$ b) -1296 c) $\sqrt{1296}$
 d) -36 e) 1296
- 21) $32\% \text{ of } 500 + 162\% \text{ of } 50$
 a) 231 b) 245 c) 237
 d) 247 e) None of these
- 22) $45316 + 52131 - 65229 = ? + 15151$
 a) 17063 b) 17073 c) 17076
 d) 17067 e) None of these
- 23) $\sqrt{25 - 12 + 155 + 1} = ?$
 a) 13 b) 14 c) 17
 d) 16 e) None of these
- 24) $\frac{184 \times 4}{23\% \text{ of } 400} = ?$
 a) 7 b) 9 c) 8
 d) 5 e) None of these
- 25) What will come in place of both the question marks (?) in the following question?
 $\frac{(?)^4}{32} = \frac{128}{(?)^3}$
 a) 16 b) 12 c) 18
 d) 14 e) None of these
- 26) 5 15 35 75 155 (?)
 a) 298 b) 315 c) 275
 d) 305 e) None of these
- 27) 3 6 18 72 360 (?)
 a) 2160 b) 1800 c) 2520
 d) 1440 e) None of these
- 28) 688 472 347 283 256 (?)
 a) 236 b) 229 c) 255
 d) 248 e) None of these
- 29) 800 400 200 100 50 (?)
 a) 20 b) 30 c) 25
 d) 35 e) None of these
- 30) 213 35 68 112 (?)
 a) 173 b) 178 c) 163

d) 167 e) None of these

31) What is the least number that can be added to 4800 to make it a perfect square?

- a) 110 b) 81 c) 25
d) 36 e) None of these

32) The average of five numbers is 34.4. The average of the first and the second number is 46.5. The average of the fourth and the fifth number is 18. What is the third number?

- a) 45 b) 46 c) 42
d) 49 e) None of these

33) The sum of five consecutive odd numbers is 265. What is the sum of the largest number and twice the smallest number?

- a) 156 b) 153 c) 155
d) 151 e) None of these

34) The ratio between Gloria's and Sara's present ages is 4:7 respectively. Two years ago the ratio between their ages was 1 : 2 respectively. What will be Sara's age three years hence?

- a) 17 years b) 14 years c) 11 years
d) 8 years e) None of these

35) 12 men alone can complete a piece of work in six days. whereas 10 men and 21 women take three days to complete the same piece of work. In how many days can 12 women alone complete the same piece of work?

- a) 10 b) 9 c) 11
d) 8 e) None of these

36) The total numbers of students in a college is 3906. The number of girls is 1638. What is the ratio of boys to girls in the college?

- a) 18 : 13 b) 13 : 18 c) 13 : 19
d) 19 : 13 e) None of these

37) A carbon copier requires 27 bundles of paper for 6 days. How many bundles of paper will be required for 14 days?

- a) 43 b) 36 c) 63
d) 44 e) None of these

38) A train crosses a pole in 8 seconds at the speed of 63 kmph. What is the length of the train?

- a) 140 meters b) 130 meters c) 135 meters
d) 150 meters e) None of these

39) The sum of two consecutive numbers is 1023. The odd number is

- a) 519 b) 511 c) 517
d) 513 e) 509

40) Find the smallest number that can be added to 4739 so that it becomes exactly divisible by 9.

- a) 3 b) 4 c) 5
d) 6 e) None of these

41) The average weight of 17 boxes is 92 kg. If 18 new boxes are added, the new average increases by 3kg. What will be the average weight of the 18 new boxes?

- a) 98.8kg b) 97.8 kg c) 91.8 kg
d) 92.8 kg e) None of these

42) A and B together can finish a work in 9 days. A alone can finish the same work in 12 days. In how many days will B alone finish the work?

- a) 24 days b) 28 days c) 32 days
d) 36 days e) None of these

43) The ratio of the number of boys to that of girls in a school is 9:7. If the number of boys increases by 40% and that of girls by 20%, what will be the new ratio of boys to girls?

- a) 236 b) 229 c) 255
d) 248 e) None of these

44) 56 men can do a job in 14 days. How many additional men are required to do the same job in 8 days?

- a) 42 b) 24 c) 52
d) 25 e) None of these

45) A 210-meter long train crosses a man running at 9 kmph in opposite direction in 6 seconds. Find the speed of the train.

- a) 98 kmph b) 97 kmph c) 107 kmph
d) 117 kmph e) None of these

46) Average score of cricketer in 13 matches is 42 runs. If the average score in the first 5 matches be 54 runs, what is the average score in the last eight matches?

- a) 36.5 b) 34.5 c) 35.4
d) 38.5 e) None of these

47) Pipe A can fill a tank in 8 hours while another pipe B can fill it in 16 hours. A third pipe C can empty the full tank in 32 hours. All three pipes are opened simultaneously. In what time will an empty tank be filled?

- a) 5.5 hours b) 6 hours c) 6.4 hours
d) 7 hours e) 7.2 hours

48) Eight years ago, the age of Vishal was four times that of Shekhar's. After 8 years, Vishal's age will be twice of Shekhar's age. Vishal's present age is

- a) 24 years b) 28 years c) 30 years
d) 32 years e) None of these

49) A train 350 m long takes 36 seconds to cross a man running at a speed of 5 kpph in the direction opposite to that of train. What is the speed of the train? (in kmph)

- a) 30 kmph b) 40 kmph c) 24 kmph
d) 34 kmph e) None of these

50) The simple interest on a sum of money will be Rs 600 after 10 years. If the principal is trebled after 5 years. What will be the total interest at the end of the tenth year?

- a) Rs 600 b) Rs 1200 c) Rs 750
d) Rs 850 e) None of these

Answers -

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