
MENTAL ABILITY

Directions (1-3) : What value should come in place of question mark (?) in the following questions?

- Q.1) $59\% \text{ of } 3654 \div 126 = ?$
(1) 171.1 (2) 17.11
(3) 1.711 (4) 0.1711
(5) None of these

- Q.2) $\frac{23}{27} \times \frac{54}{21} - 1\frac{4}{9} = ?$
(1) $\frac{46}{63}$ (2) $\frac{16}{63}$
(3) $1\frac{47}{63}$ (4) $3\frac{40}{63}$
(5) None of these

- Q.3) $491109 - 62835 = 5014 + ?$
(1) 423250 (2) 424250
(3) 423260 (4) 424260
(5) None of these

- Q.4) $1934.045 + 21.81 + 536.5 + 856.072 = ?$
(1) 3347.427 (2) 3338.427
(3) 348.426 (4) 3347.327
(5) None of these

- Q.5) $22 \times \frac{3}{4} \times ? \times \frac{8}{11} = 1$
(1) 12 (2) $\frac{1}{12}$
(3) $\frac{8}{11}$ (4) $\frac{3}{11}$
(5) None of these

- Q.6) $\frac{1}{11}$ of $(39.44 + 24.17 - 19.17) = ?$
(1) 4.04 (2) 4.40
(3) 44.0 (4) 4.50
(5) None of these

- Q.7) $7^2 \times x - 7 = 0$
(1) 7 (2) $\frac{1}{49}$
(3) $\frac{1}{7}$ (4) 49
(5) None of these

- Q.8) $(?)^2 - 200 = 584$
(1) 26 (2) 20
(3) 24 (4) 28
(5) None of these

- Q.9) $404 + 70948 + 3154 + 70 = ?$
(1) 74476 (2) 73576
(3) 74566 (4) 74575
(5) None of these

- Q.10) $\left(\frac{55}{12} + \frac{5}{4}\right)^2 = ?$
(1) $9\frac{4}{9}$ (2) $13\frac{4}{9}$
(3) $1\frac{40}{81}$ (4) $20\frac{1}{4}$
(5) None of these

- Q.11) $9\% \text{ of } 50 + 8\% \text{ of } 24 - ? = 5.4$
(1) 18.3 (2) 1.83
(3) 1.02 (4) 10.2
(5) None of these

- Q.12) $(1236 \div 8) \times 7 - ? = 1010$
(1) 2779 (2) 2969
(3) 869 (4) 859
(5) None of these

- Q.13) $(?)^3 = 729$
(1) 9 (2) 19
(3) 27 (4) 39
(5) None of these

- Q.14) $4.25 \times 15 \times \frac{3}{4} = ?$
(1) 4.7812 (2) 46.6875
(3) 4.6687 (4) 47.8125
(5) None of these

- Q.15) $0.333 \div \frac{2}{3} = ?$
(1) 0.6660 (2) 0.4995
(3) 0.4990 (4) 0.1110
(5) None of these

- Q.16) $\frac{901}{21} \times \frac{1743}{53} = ?$
(1) 1462 (2) 1428
(3) 1411 (4) 1394
(5) None of these

- Q.17) $\frac{7}{5} - \frac{5}{9} + \frac{3}{8} = ?$
(1) $\frac{8}{9}$ (2) $\frac{7}{8}$

- (3) $\frac{1}{18}$ (4) $1\frac{1}{18}$
 (5) None of these
- Q.18) $30 \times 40 \times ? = 2100$
 (1) 1.25 (2) 1.50
 (3) 2.50 (4) 1.75
 (5) None of these
- Q.19) $\sqrt{2.25} \times 25 = ?$
 (1) 25.25 (2) 37.5
 (3) 56.25 (4) 7.5
 (5) None of these
- Q.20) $44\% \text{ of } 88 - 8\% \text{ of } 305 = ?$
 (1) 63.12 (2) 14.00
 (3) 34.4 (4) 14.32
 (5) None of these
- Q.21) $(? \times 10) - 93 = 927$
 (1) 101 (2) 100
 (3) 103 (4) 99
 (5) None of these
- Q.22) $(1.05)^2 \times 200 = ?$
 (1) 2205.0 (2) 225.0
 (3) 220.5 (4) 220.1
 (5) None of these
- Q.23) $144 \div 12 \times 3 - 2 = ?$
 (1) 34 (2) 12
 (3) $4\frac{4}{17}$ (4) 11
 (5) None of these
- Q.24) If nine dinner plates cost Rs. 1,174/-, what is the **approximate** cost of a single plate?
 (1) Rs. 125/- (2) Rs. 135/-
 (3) Rs. 120/- (4) Rs. 130/-
 (5) None of these
- Q.25) Ramesh and Neelesh start walking to meet one another from places 25 kms apart. If Ramesh walks at the rate of 2 kms an hour and Neelesh at 3 kms an hour, how many hours will it be before they meet?
 (1) 4 hrs 20 mnts (2) 5 hrs
 (3) 10 hrs (4) 12 hrs 30 mnts
 (5) None of these

ANSWERS

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|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. | (3) | 6. | (4) | 11. | (1) | 16. | (4) | 21. | (1) |
| 2. | (5) | 7. | (5) | 12. | (4) | 17. | (2) | 22. | (4) |
| 3. | (2) | 8. | (2) | 13. | (2) | 18. | (4) | 23. | (2) |
| 4. | (5) | 9. | (3) | 14. | (3) | 19. | (5) | 24. | (5) |
| 5. | (3) | 10. | (4) | 15. | (5) | 20. | (3) | 25. | (1) |

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